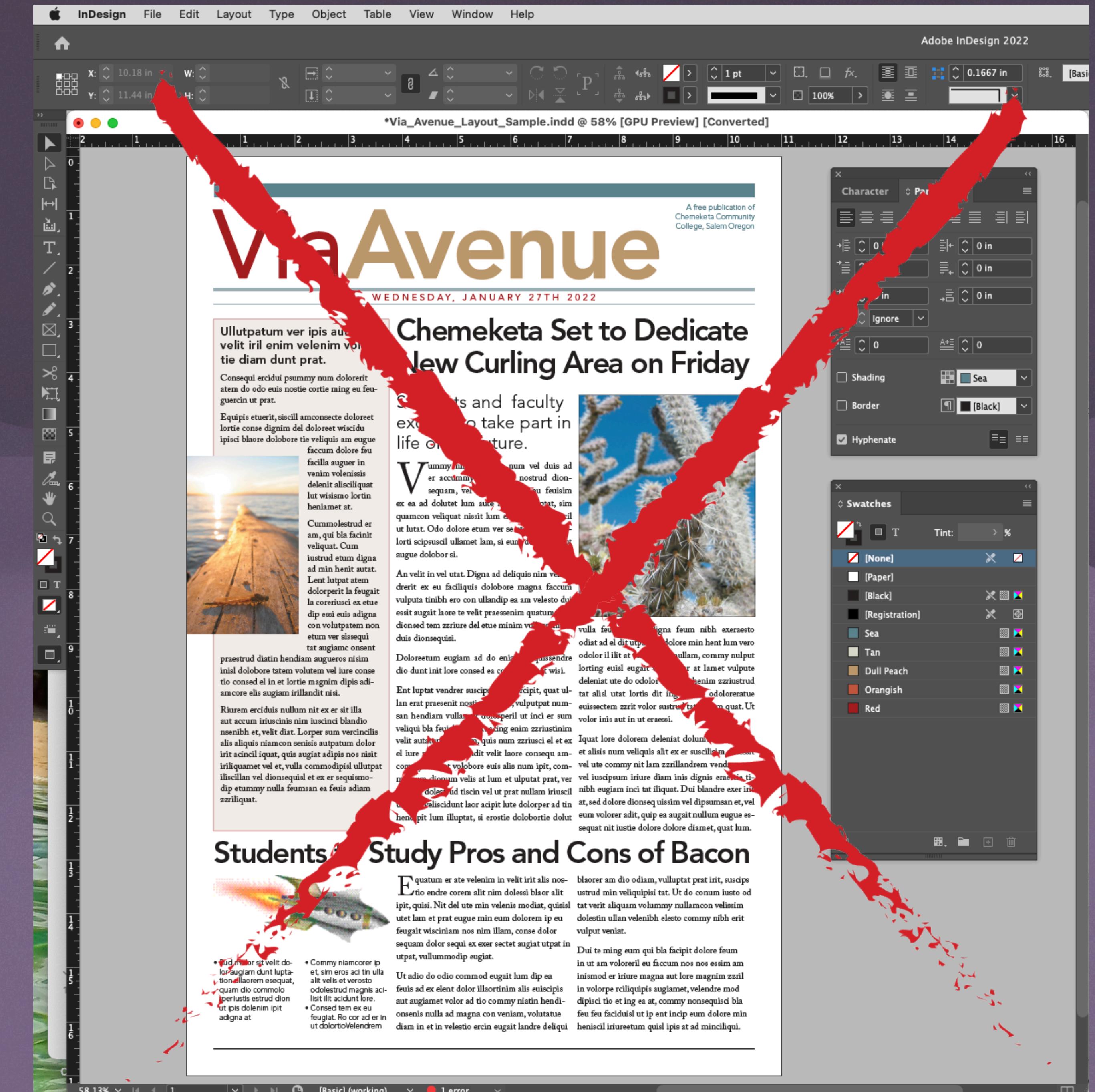


The background of the slide features a dark purple gradient. Overlaid on this are several thin, dark purple wavy lines that create a sense of depth and movement, resembling ripples on water or undulating hills. The text is centered on this background.

The Medium of the Web

PRESENTATION MEDIUM: The Digital Display

It's not print.



...and we
don't
want it to
be print.

Via Avenue in CSS Grid

Peter Hoelter

A free publication of Chemeketa Community College, Salem Oregon

Via Avenue

FRIDAY, JUNE 22ND 2018

Ancient Ming Vase Unearthed at Chemeketa

Students and faculty to discuss importance of vases in modern life

Vummy nibh erciduis num vel quis ad er accummy nosto elis nostrud dionsequam, vel diam nim do eu feusim ex ea ad dolutet lum aute magnisit luptat, sim quamcon veliquat nissit lum ex elesto dolorercil ut lutat. Odo dolore etum ver se et autpatue dolorti scipsuscul ullamet lam, si eum do con vel ut augue dolobor si.

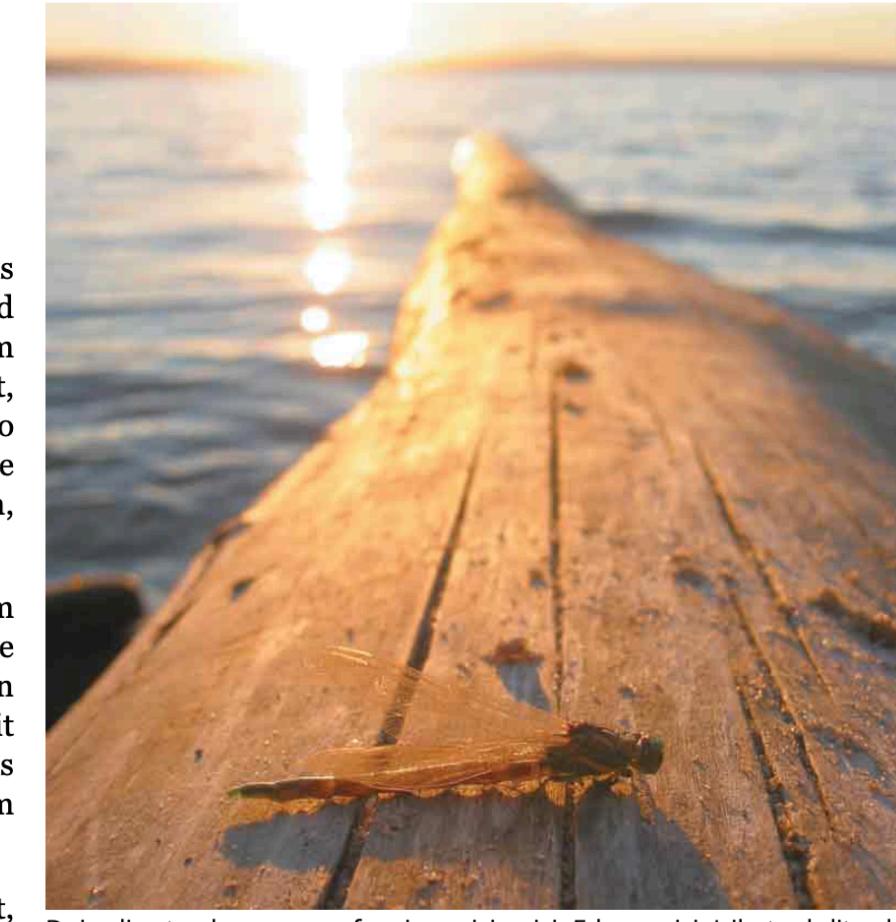
An velit in vel utat. Digna ad deliquis nim velendrerit ex eu faciliquis dolobore magna faccum vulputa tinibh ero con ullandip ea am velesto dui essit augait laore te velit praessennim quatums andionsed tem zzriure del etue minim vullaorem vel duius dionsequisi.

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HTML

```
<section>
  <div class="header">
    <header>
      <div class="title">
        <h1>Via<span>Avenue</span></h1>
      </div>
      <div class="byline">
        <p>A free publication of Chemeketa Community College, Salem Oregon</p>
      </div>
    </header>
    <div class="pubdate">
      <h3>Friday, June 22nd 2018</h3>
    </div>
  </div>
  <article>
```

CSS

```
@import url('https://fonts.googleapis.com/css?family=Open+Sans:300,400,700');

body {
  font-family: 'Open Sans', sans-serif;
  margin-bottom: 20em;
  margin-top: 3em;
}

section {
  width: 90%;
  max-width: 1100px;
  margin: 0 auto;
}

p {
  text-align: justify;
}

header div {
  /* background-color: #bada55; */
}

section header {
  display: grid;
  grid-template-columns: repeat(7, 1fr);
  /* grid-gap: 16px; */
  width: 100%;
  border-top: 10px solid black;
}

.title {
  grid-column: 1 / 6;
  grid-row: 1;
  align-self: flex-end;
  font-size: 2em;
}
```

JS

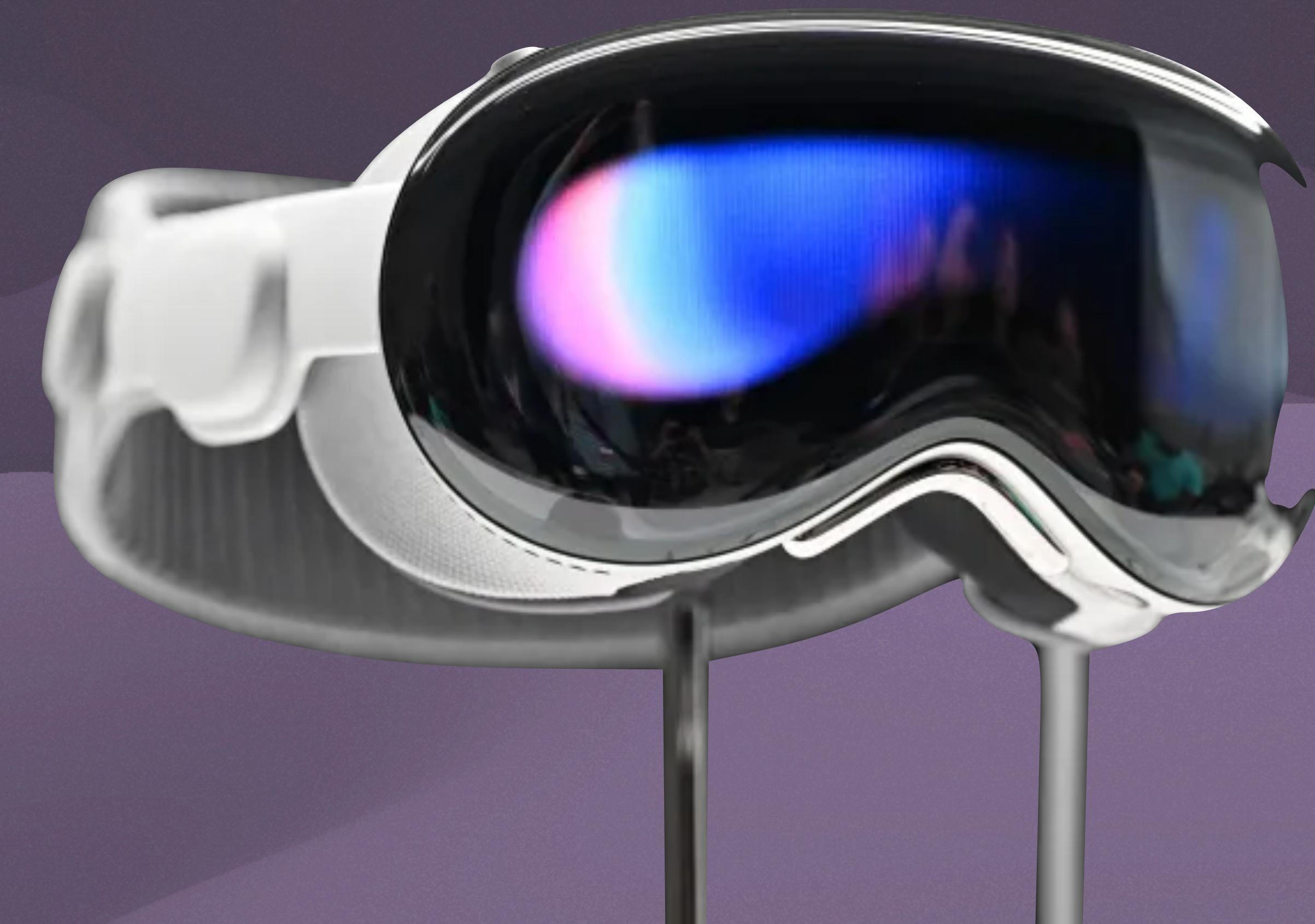
Save Settings

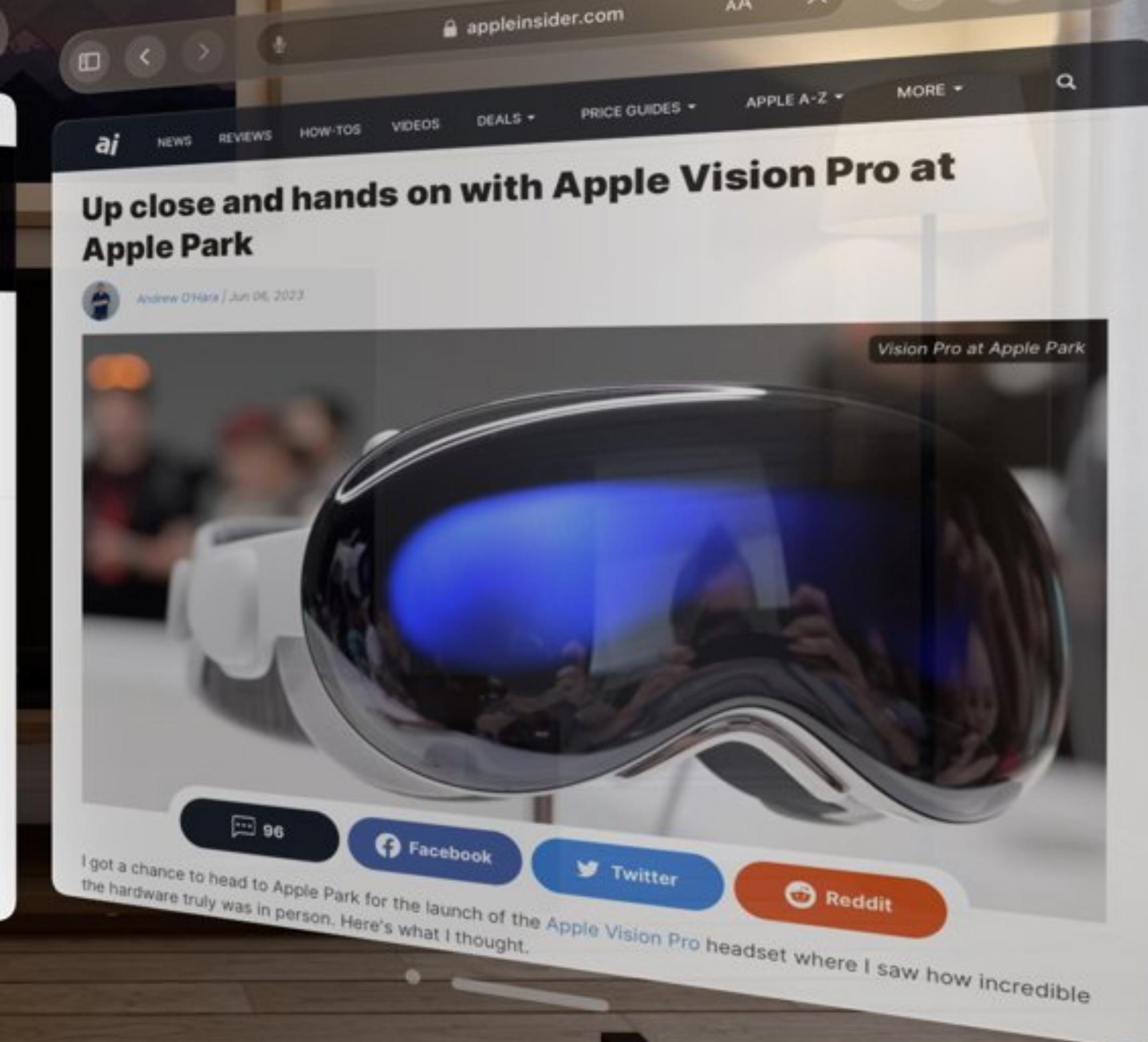
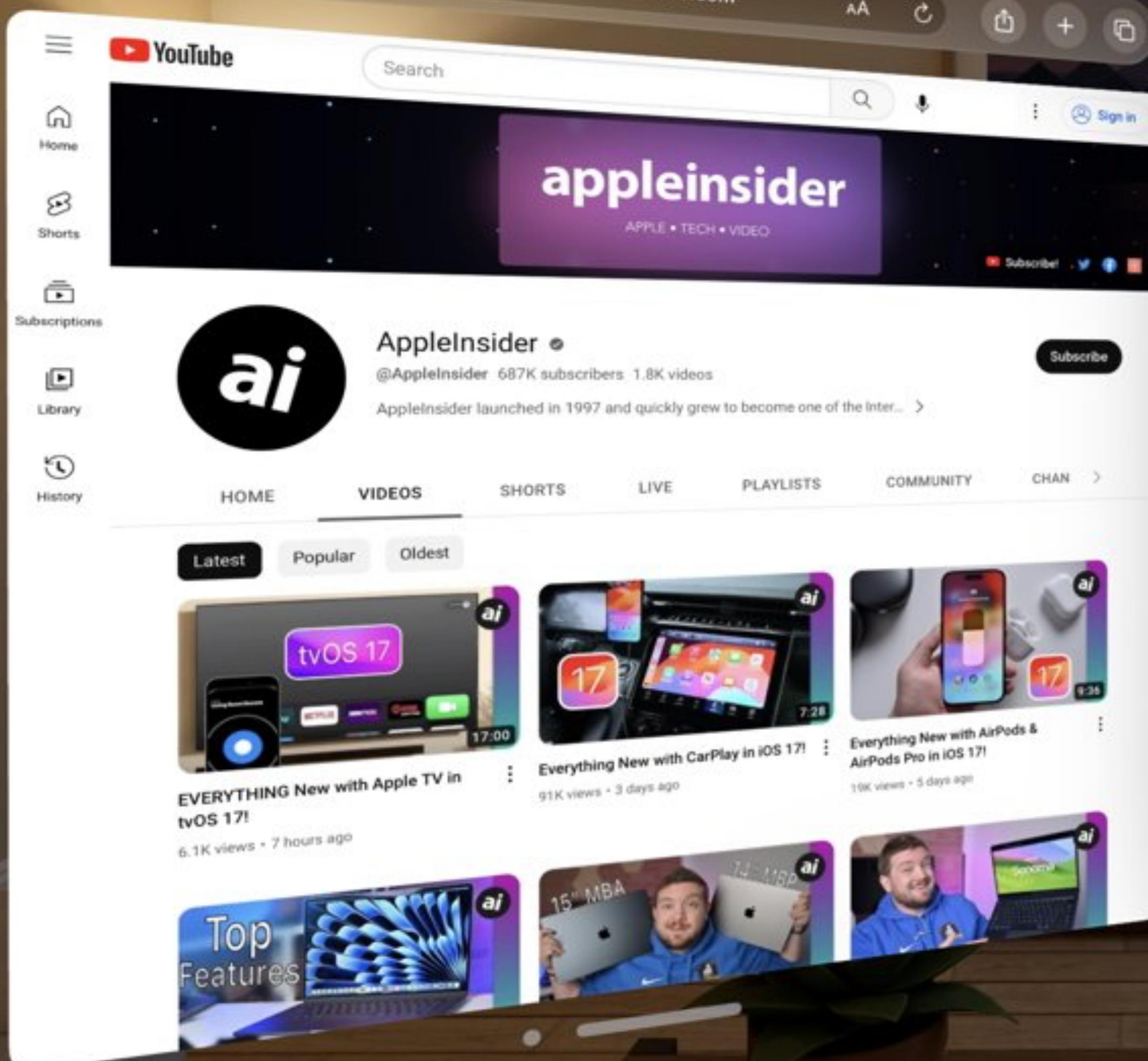
Console Assets Comments Keys

Last saved JANUARY 14, 2019 – 12:00:00 AM

Delete Add to Collection Fork Embed Export Share







Key Differences from Print

- **Base unit is a pixel***
 - OK, technically-speaking a “subpixel” is the base unit (see colors to the right), but we can only work with whole pixels.
 - And even then, in CSS the concept of a pixel is abstracted, so we really can’t work directly with pixels anymore. Sigh.



Key Differences from Print

- Resolution is lower than print, but it's catching up
 - Default assumption of pixels-per-inch is 96ppi.
 - Again, mobile devices and HiDPI displays are changing this (iPhone 17 Pro's screen resolution is 460ppi)



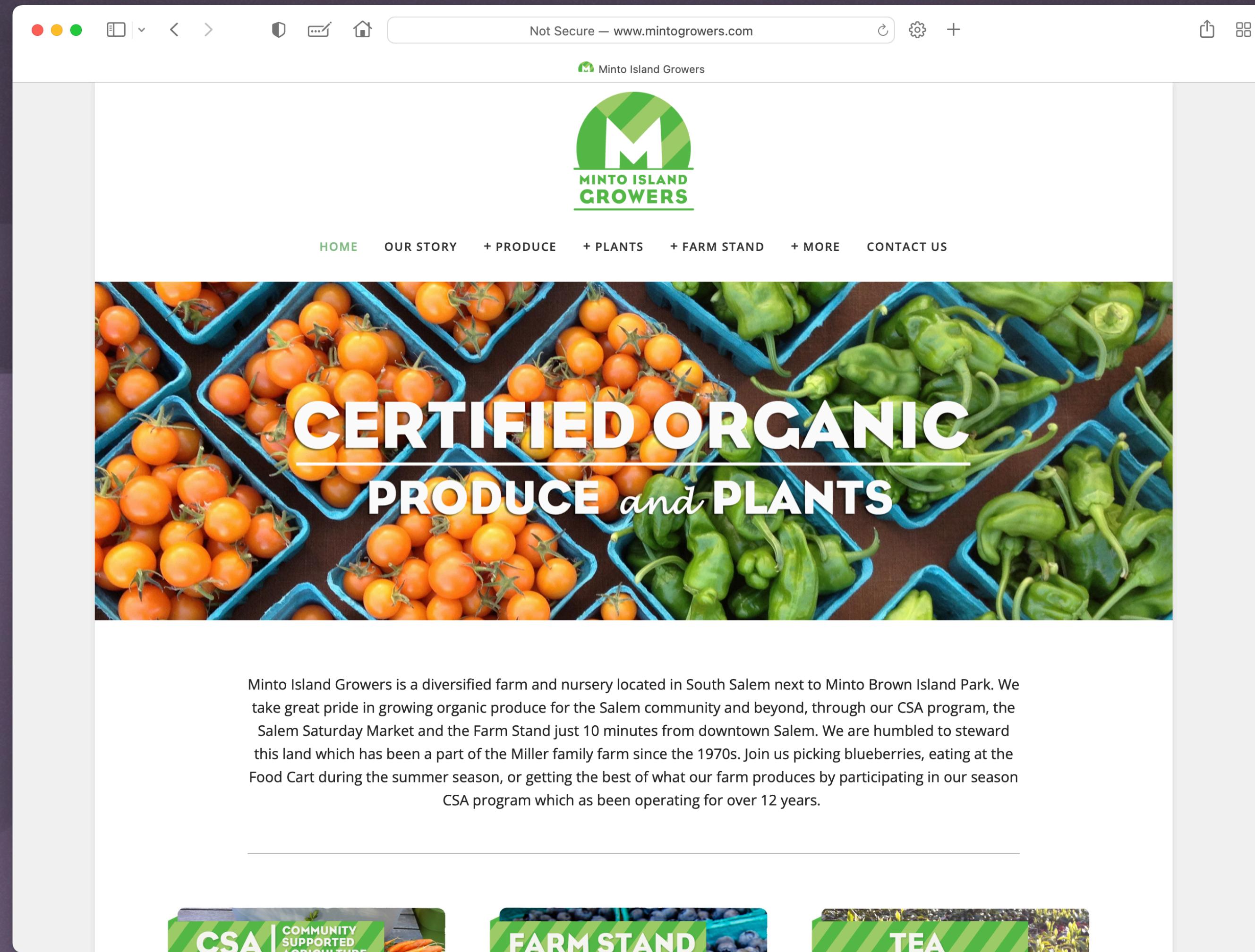
Key Differences from Print

- **Pages are rendered on the fly, and presentation varies depending on a number of factors:**
 - Device type (desktop, tablet, smartphone, TV, gaming console, etc.)
 - Operating system (Mac, Windows, Linux)
 - Web browser maker (Safari, Chrome, Firefox, Microsoft Edge)
 - Web browser version (6.0, 7.0, 8.0, etc.)
 - User preferences (adjustments to the default typeface, size, colors, etc.)

KEY CONCEPTS:

Page Dimensions

Page Width: Fixed



The screenshot shows a fixed-width website layout for Minto Island Growers. The browser window has a white header bar with standard icons and a URL bar showing "Not Secure — www.mintogrowers.com". The main content area has a fixed width of approximately 1200 pixels. It features a logo for "MINTO ISLAND GROWERS" with a stylized green 'M' and a navigation menu with links for HOME, OUR STORY, + PRODUCE, + PLANTS, + FARM STAND, + MORE, and CONTACT US. Below the menu is a large image of blue trays filled with orange cherry tomatoes and green bell peppers. Overlaid on this image is the text "CERTIFIED ORGANIC PRODUCE and PLANTS" in white, bold, sans-serif font. A descriptive paragraph at the bottom left explains the farm's mission and history. At the bottom, there are three green buttons with white text: "CSA | COMMUNITY SUPPORTED AGRICULTURE", "FARM STAND", and "TEA".

Not Secure — www.mintogrowers.com

Minto Island Growers

HOME OUR STORY + PRODUCE + PLANTS + FARM STAND + MORE CONTACT US

CERTIFIED ORGANIC
PRODUCE and PLANTS

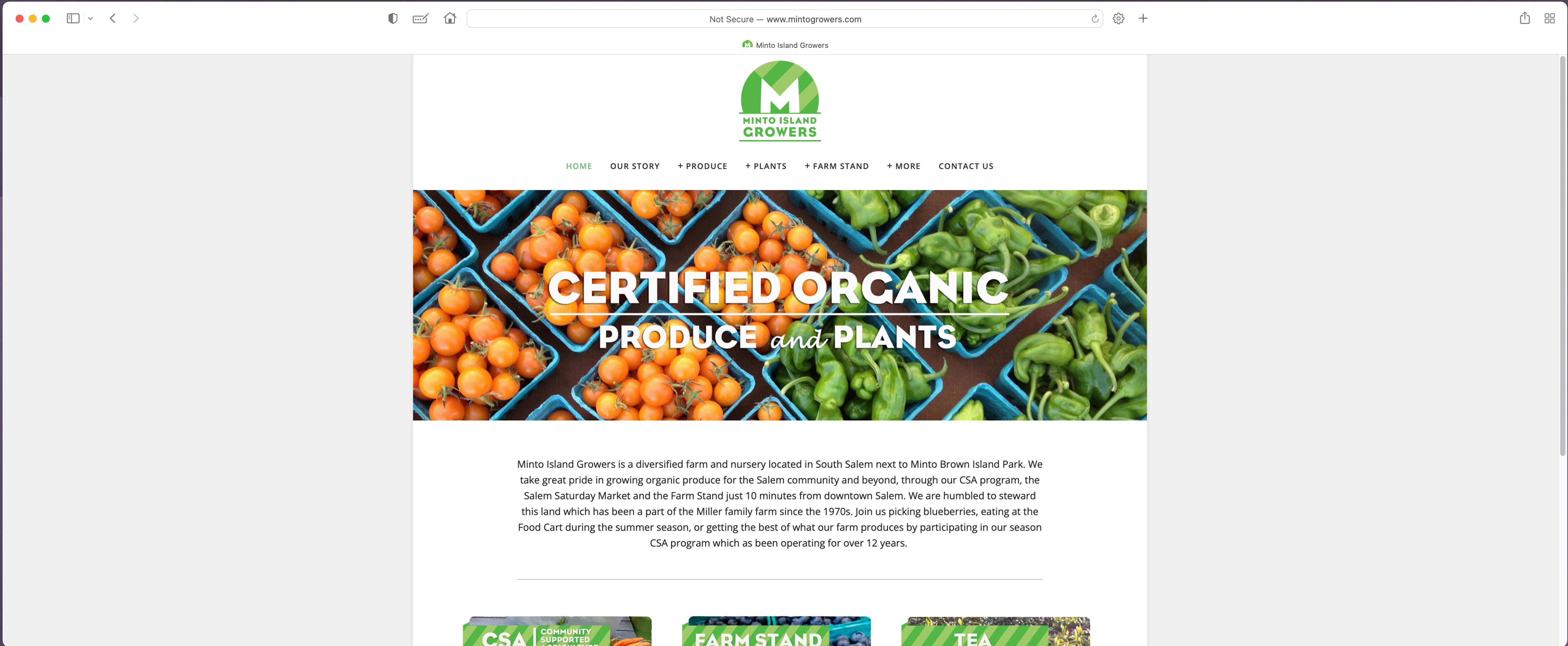
Minto Island Growers is a diversified farm and nursery located in South Salem next to Minto Brown Island Park. We take great pride in growing organic produce for the Salem community and beyond, through our CSA program, the Salem Saturday Market and the Farm Stand just 10 minutes from downtown Salem. We are humbled to steward this land which has been a part of the Miller family farm since the 1970s. Join us picking blueberries, eating at the Food Cart during the summer season, or getting the best of what our farm produces by participating in our season CSA program which has been operating for over 12 years.

CSA | COMMUNITY SUPPORTED AGRICULTURE

FARM STAND

TEA

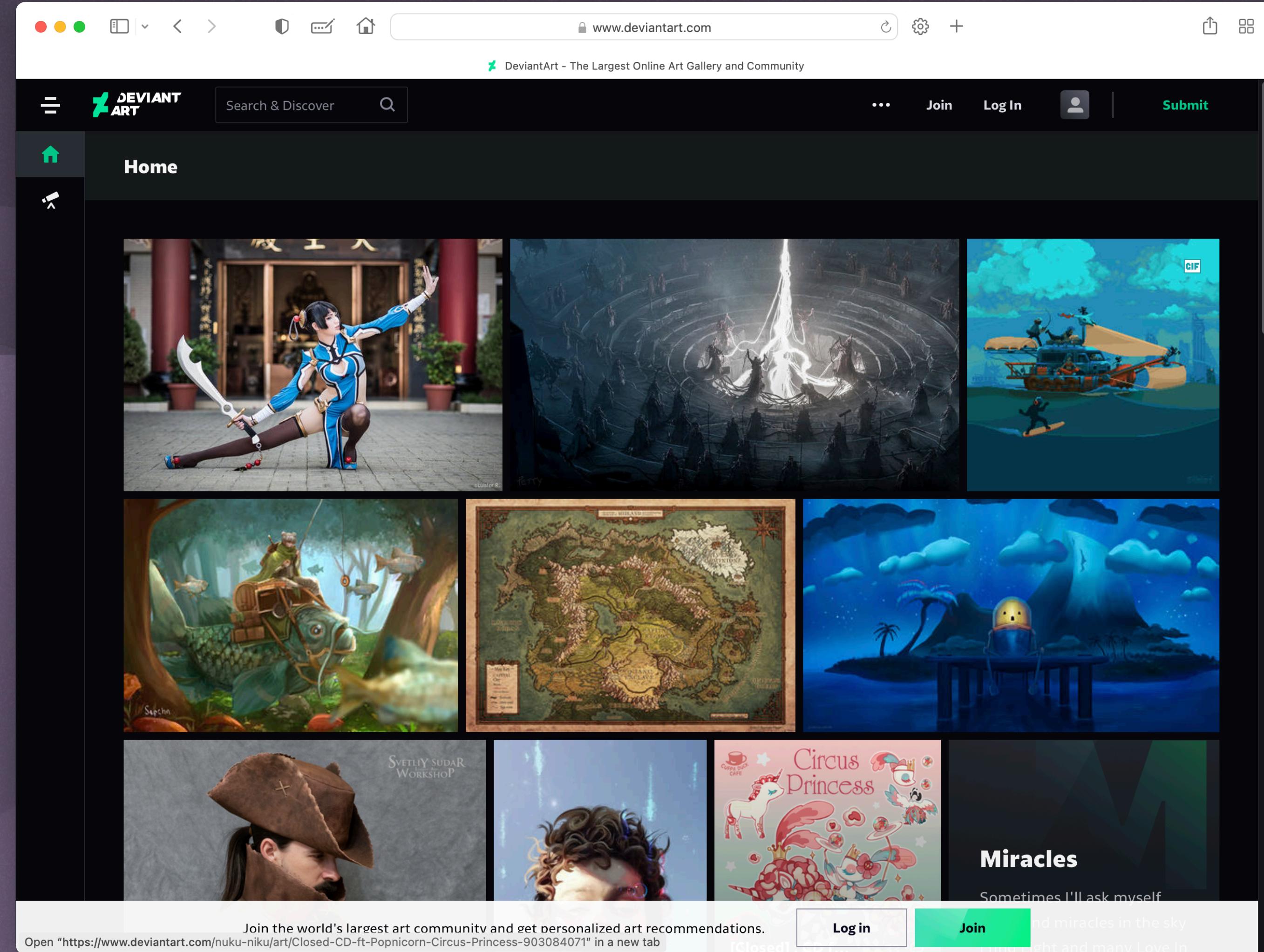
Page Width: Fixed



The screenshot shows a web browser window with the following details:

- Address Bar:** Not Secure — www.mintogrowers.com
- Page Title:** Minto Island Growers
- Header:** The header features the Minto Island Growers logo, which is a green circle with a white 'M' and the text "MINTO ISLAND GROWERS" below it. Below the logo is a navigation menu with links: HOME (highlighted in green), OUR STORY, + PRODUCE, + PLANTS, + FARM STAND, + MORE, and CONTACT US.
- Hero Image:** A large image of blue plastic containers filled with fresh, organic produce, including small orange cherry tomatoes and green jalapeño peppers.
- Text Overlay:** Overlaid on the hero image is the text "CERTIFIED ORGANIC" in large, bold, white capital letters, followed by "PRODUCE and PLANTS" in a smaller, italicized white font.
- Text Content:** Below the hero image, there is a paragraph of text describing the farm's mission and history: "Minto Island Growers is a diversified farm and nursery located in South Salem next to Minto Brown Island Park. We take great pride in growing organic produce for the Salem community and beyond, through our CSA program, the Salem Saturday Market and the Farm Stand just 10 minutes from downtown Salem. We are humbled to steward this land which has been a part of the Miller family farm since the 1970s. Join us picking blueberries, eating at the Food Cart during the summer season, or getting the best of what our farm produces by participating in our season CSA program which has been operating for over 12 years."
- Footer:** The footer contains three green rectangular buttons with white text: "CSA | COMMUNITY SUPPORTED AGRICULTURE", "FARM STAND", and "TEA".

Page Width: *Liquid*



A screenshot of a web browser showing the DeviantArt website. The browser has a dark mode theme. The DeviantArt header is visible, including the logo, search bar, and navigation links for 'Join', 'Log In', and 'Submit'. The main content area is titled 'Home' and displays a grid of various artworks. The artworks include a cosplayer in a blue outfit, a large-scale battle scene, a boat on the water, a fisherman on a large fish, a detailed map of a landmass, an underwater scene with a blue alien, a portrait of a person in a hat, and a colorful illustration of a unicorn. At the bottom of the page, there is a promotional banner for DeviantArt, a 'Log in' button, a 'Join' button, and a text overlay that reads 'Join the world's largest art community and get personalized art recommendations.' and 'Open "https://www.deviantart.com/nuku-niku/art/Closed-CD-ft-Popicorn-Circus-Princess-903084071" in a new tab'.

Page Width: Liquid

www.deviantart.com

DeviantArt - The Largest Online Art Gallery and Community

DEVIANTART

Search & Discover

Join Log In

Submit

Home

Miracles

Sometimes I'll ask myself why I find miracles in the sky I find Light and man...

Anselme

sebastien-grenier

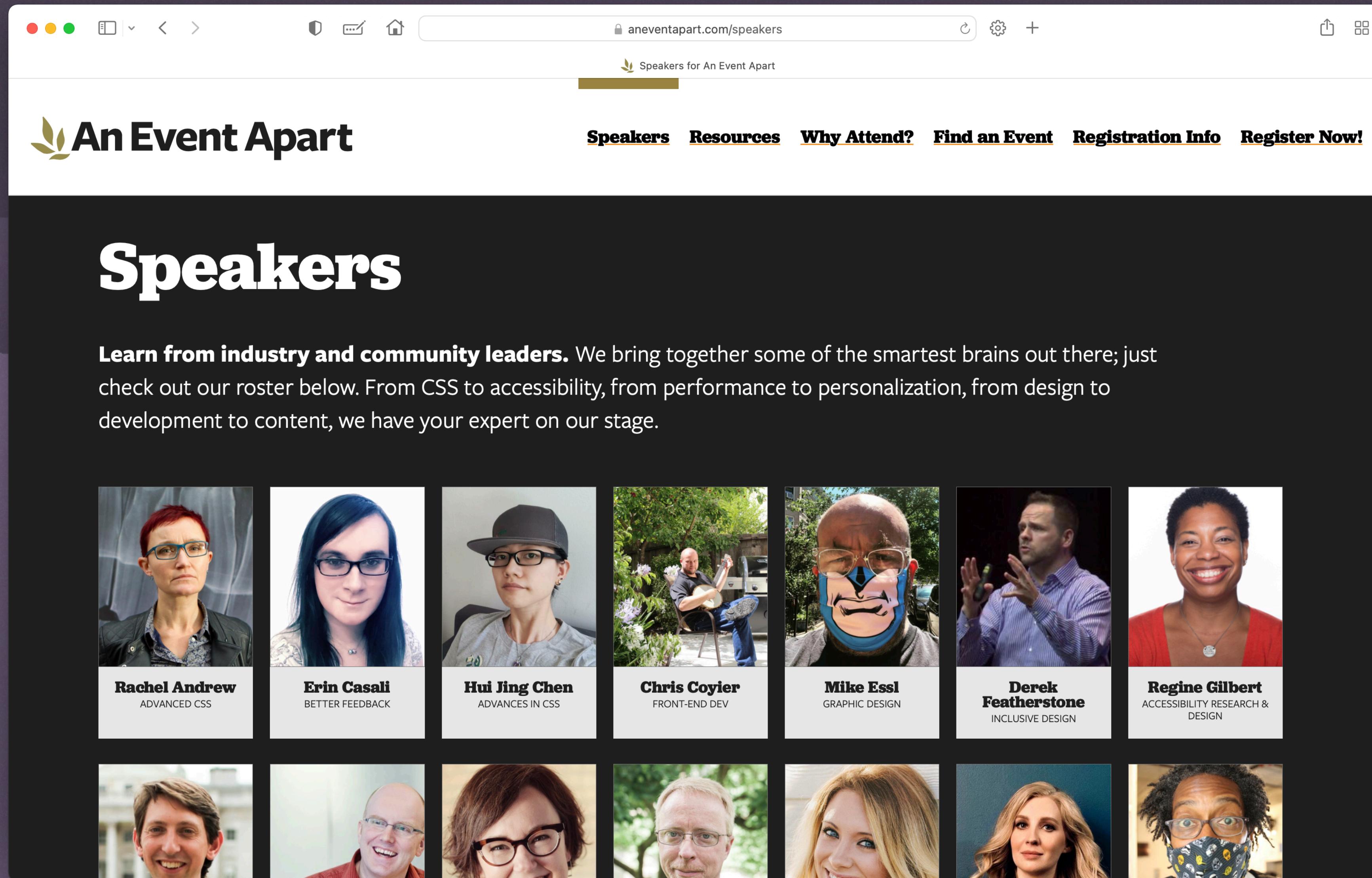
Join the world's largest art community and get personalized art recommendations.

Log in

Join

Open "https://www.deviantart.com/sebastien-grenier/art/Anselme-904822087" in a new tab

Page Width: Responsive



The screenshot shows a web browser window displaying the 'Speakers' page of the An Event Apart website. The page has a dark background with white text. The header includes the An Event Apart logo, a navigation bar with links for Speakers, Resources, Why Attend?, Find an Event, Registration Info, and Register Now!, and a search bar. The main section features a large 'Speakers' heading and a paragraph about the speakers. Below this, there are two rows of speaker profiles, each with a photo, name, and a brief description of their expertise.

An Event Apart

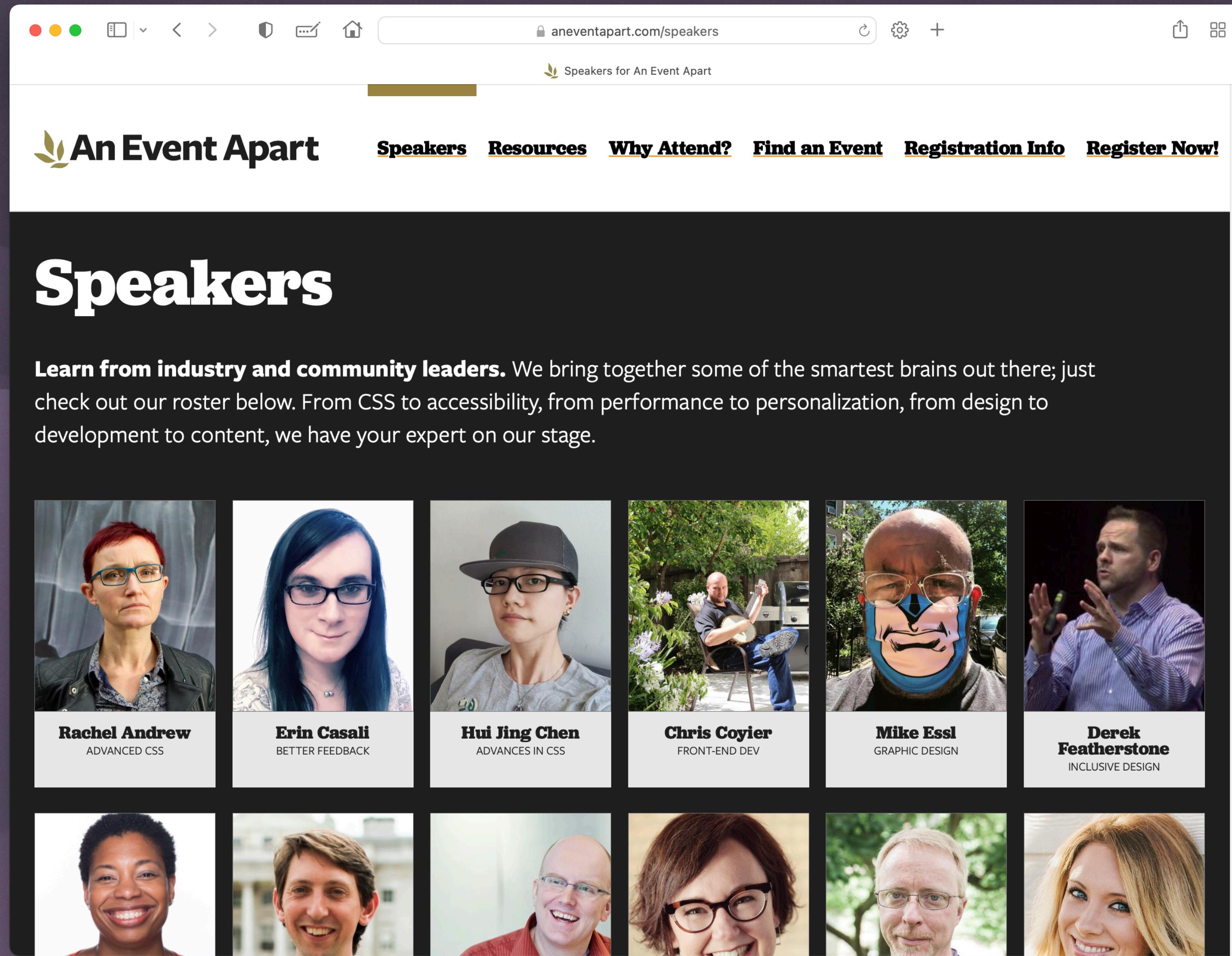
[Speakers](#) [Resources](#) [Why Attend?](#) [Find an Event](#) [Registration Info](#) [Register Now!](#)

Speakers

Learn from industry and community leaders. We bring together some of the smartest brains out there; just check out our roster below. From CSS to accessibility, from performance to personalization, from design to development to content, we have your expert on our stage.

| | | | | | | |
|--|---|---|--|--|---|--|
|  <p>Rachel Andrew ADVANCED CSS</p> |  <p>Erin Casali BETTER FEEDBACK</p> |  <p>Hui Jing Chen ADVANCES IN CSS</p> |  <p>Chris Coyier FRONT-END DEV</p> |  <p>Mike Essl GRAPHIC DESIGN</p> |  <p>Derek Featherstone INCLUSIVE DESIGN</p> |  <p>Regine Gilbert ACCESSIBILITY RESEARCH & DESIGN</p> |
|  |  |  |  |  |  |  |

Page Width: Responsive



The screenshot shows a web browser window displaying the 'Speakers' page of the An Event Apart website. The page has a dark background with white text. At the top, there is a navigation bar with links for 'Speakers', 'Resources', 'Why Attend?', 'Find an Event', 'Registration Info', and 'Register Now!'. The main title 'Speakers' is prominently displayed in large white text. Below the title, a paragraph reads: 'Learn from industry and community leaders. We bring together some of the smartest brains out there; just check out our roster below. From CSS to accessibility, from performance to personalization, from design to development to content, we have your expert on our stage.' Below this text, there are two rows of speaker profiles. Each profile consists of a small photo, the speaker's name, and a brief description of their expertise. The first row contains profiles for Rachel Andrew (Advanced CSS), Erin Casali (Better Feedback), Hui Jing Chen (Advances in CSS), Chris Coyier (Front-end Dev), Mike Essl (Graphic Design), and Derek Featherstone (Inclusive Design). The second row contains profiles for three more speakers whose names are not fully visible in the screenshot.

An Event Apart

Speakers **Resources** **Why Attend?** **Find an Event** **Registration Info** **Register Now!**

Speakers

Learn from industry and community leaders. We bring together some of the smartest brains out there; just check out our roster below. From CSS to accessibility, from performance to personalization, from design to development to content, we have your expert on our stage.



Rachel Andrew
ADVANCED CSS



Erin Casali
BETTER FEEDBACK



Hui Jing Chen
ADVANCES IN CSS



Chris Coyier
FRONT-END DEV



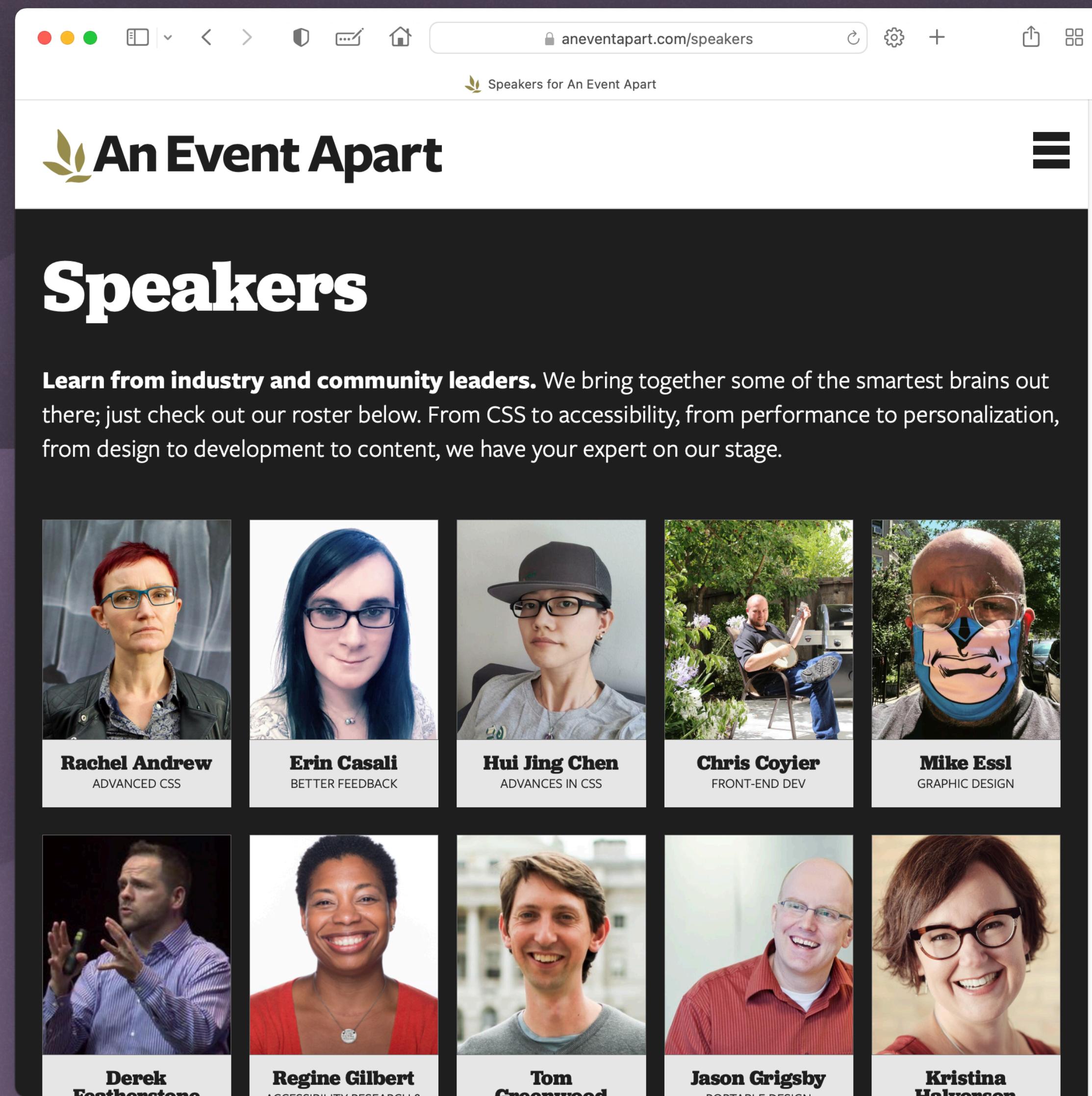
Mike Essl
GRAPHIC DESIGN



Derek Featherstone
INCLUSIVE DESIGN



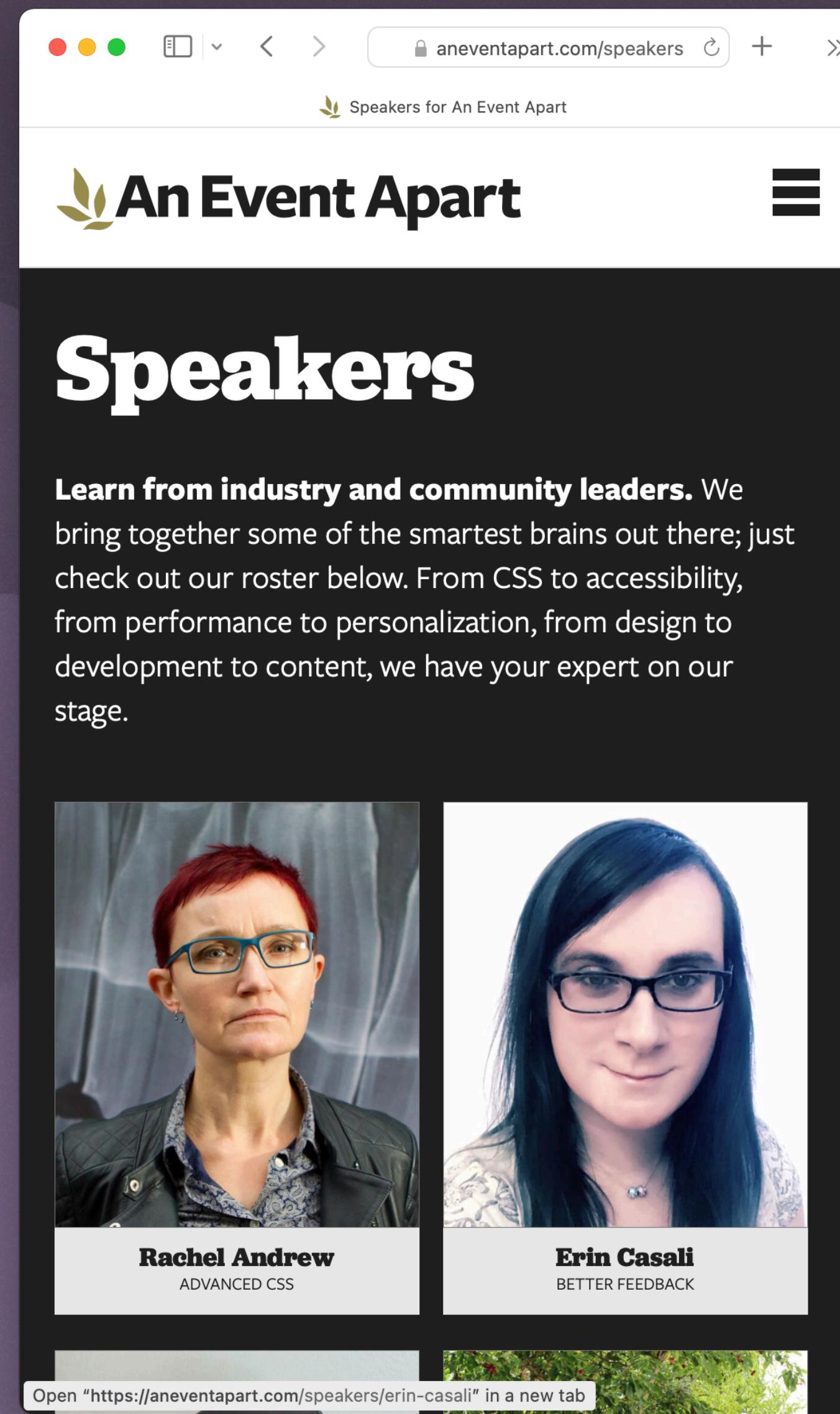
Page Width: Responsive



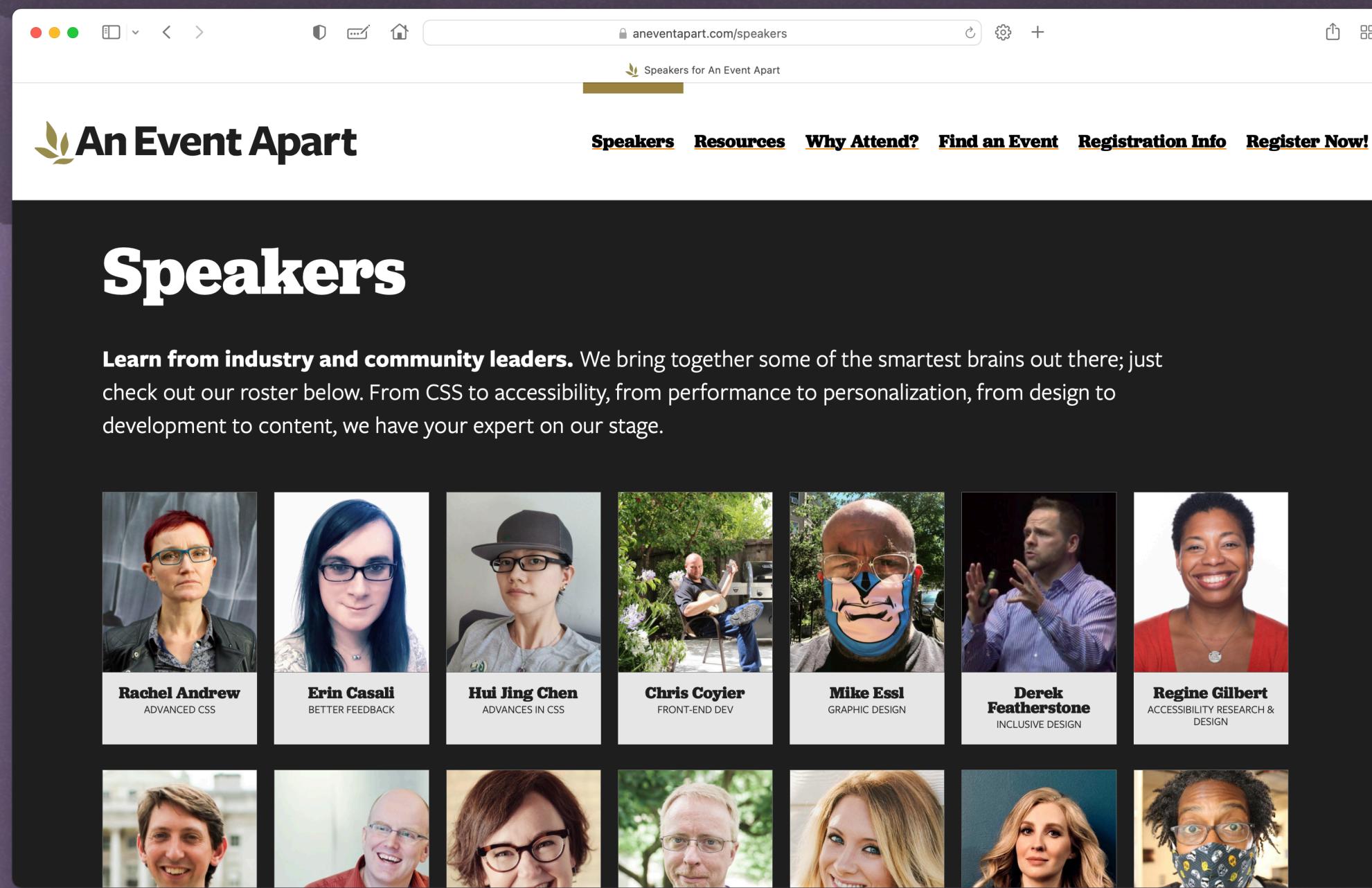
A screenshot of a Mac browser window displaying the 'Speakers' page from the website aneventapart.com/speakers. The page features a dark header with the An Event Apart logo and a navigation menu. The main content area has a dark background with white text. The title 'Speakers' is prominently displayed. Below the title, a paragraph reads: 'Learn from industry and community leaders. We bring together some of the smartest brains out there; just check out our roster below. From CSS to accessibility, from performance to personalization, from design to development to content, we have your expert on our stage.' A grid of speaker profiles is shown in two rows. Each profile consists of a small photo, the speaker's name, and their expertise. The browser's address bar, toolbar, and status bar are visible at the top.

| Speaker | Expertise |
|--------------------|--------------------------|
| Rachel Andrew | ADVANCED CSS |
| Erin Casali | BETTER FEEDBACK |
| Hui Jing Chen | ADVANCES IN CSS |
| Chris Coyier | FRONT-END DEV |
| Mike Essl | GRAPHIC DESIGN |
| Derek Featherstone | |
| Regine Gilbert | ACCESSIBILITY RESEARCHER |
| Tom Greenwood | |
| Jason Grigsby | PORTABLE DESIGN |
| Kristina Halverson | |

Page Width: Responsive



Page Width: Responsive

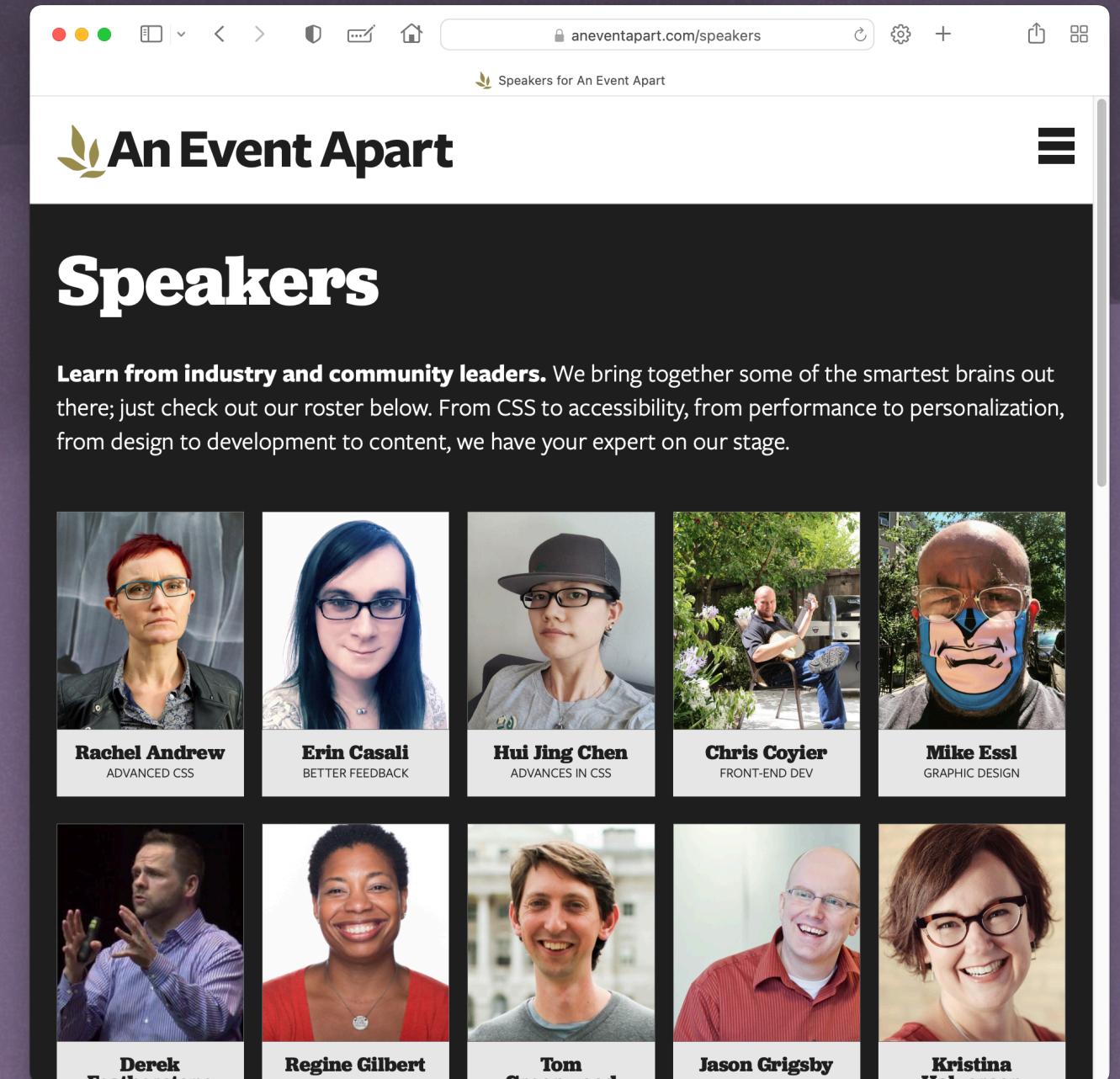


An Event Apart

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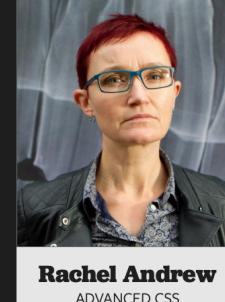
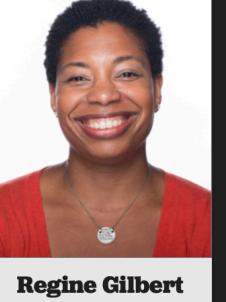
| | | | | | | |
|---|--|---|---|---|--|---|
|  Rachel Andrew ADVANCED CSS |  Erin Casali BETTER FEEDBACK |  Hui Jing Chen ADVANCES IN CSS |  Chris Coyier FRONT-END DEV |  Mike Essl GRAPHIC DESIGN |  Derek Featherstone INCLUSIVE DESIGN |  Regine Gilbert ACCESSIBILITY RESEARCH & DESIGN |
|  Derek Featherstone |  Regine Gilbert |  Tom Greenwood |  Jason Grigsby |  Kristina Halverson | | |

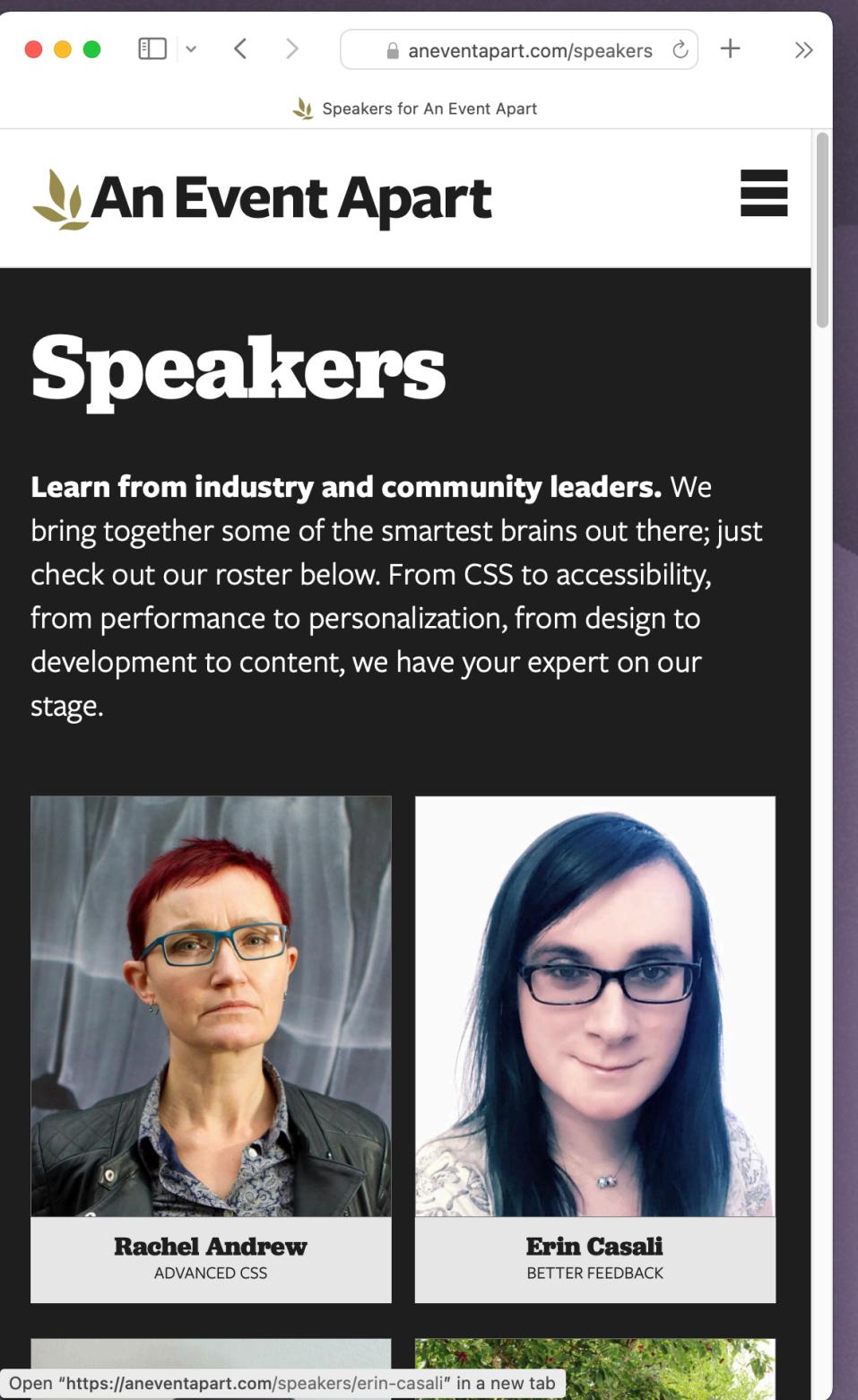


An Event Apart

Speakers

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|---|--|--|---|---|
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|  Derek Featherstone |  Regine Gilbert |  Tom Greenwood |  Jason Grigsby |  Kristina Halverson |



An Event Apart

Speakers

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| | |
|---|--|
|  Rachel Andrew ADVANCED CSS |  Erin Casali BETTER FEEDBACK |
|---|--|

Open "<https://aneventapart.com/speakers/erin-casali>" in a new tab



[Speakers](#) [Resources](#) [Why Attend?](#) [Find an Event](#) [Registration Info](#) [Register Now!](#)

Speakers

Learn from industry and community leaders. We bring together some of the smartest brains out there; just check out our roster below. From CSS to accessibility, from performance to personalization, from design to development to content, we have your expert on our stage.



Rachel Andrew
ADVANCED CSS



Erin Casali
BETTER FEEDBACK



Hui Jing Chen
ADVANCES IN CSS



Chris Coyier
FRONT-END DEV



Mike Essl
GRAPHIC DESIGN



Derek Featherstone
INCLUSIVE DESIGN



Regine Gilbert
ACCESSIBILITY RESEARCH & DESIGN



Open "https://aneventapart.com/speakers/kristina-halvorson" in a new tab



VC 235 :: Course Home

https://hoelter.chemeketa.vc/vc235/

VC235

WINTER 2025

INTERFACE DESIGN

HOME

SYLLABUS

CALENDAR

PROJECTS

LABS

LINKS

REFERENCES

Course Home

21 JAN **Week Three Tuesday Class Session**
Resources and links for our Tuesday of Week Three meeting.

Design Lab

03 Working with Frames & Assets in Figma

16 JAN **Week Two Thursday Class Session**
Resources and links for our Thursday of Week Two meeting.

Class Notes

Introduction to Figma Design

Links

 [Figma](#)

 [Sketch](#)

 [Adobe XD](#)

 [Adobe's Figma acquisition is a \\$20 billion bet to control the entire creative market \(The Verge\)](#)

 [Adobe abandons \\$20 billion acquisition of Figma \(The Verge\)](#)

14 JAN **Week Two Tuesday Class Session**
Resources and links for our Tuesday of Week Two meeting.

VC 235 :: Course Home

VC235

≡ MENU

Course Home

21 JAN

Week Three Tuesday Class Session

Resources and links for our Tuesday of Week Three meeting.

Design Lab

💡 03 Working with Frames & Assets in Figma

16 JAN

Week Two Thursday Class Session

Resources and links for our Thursday of Week Two meeting.

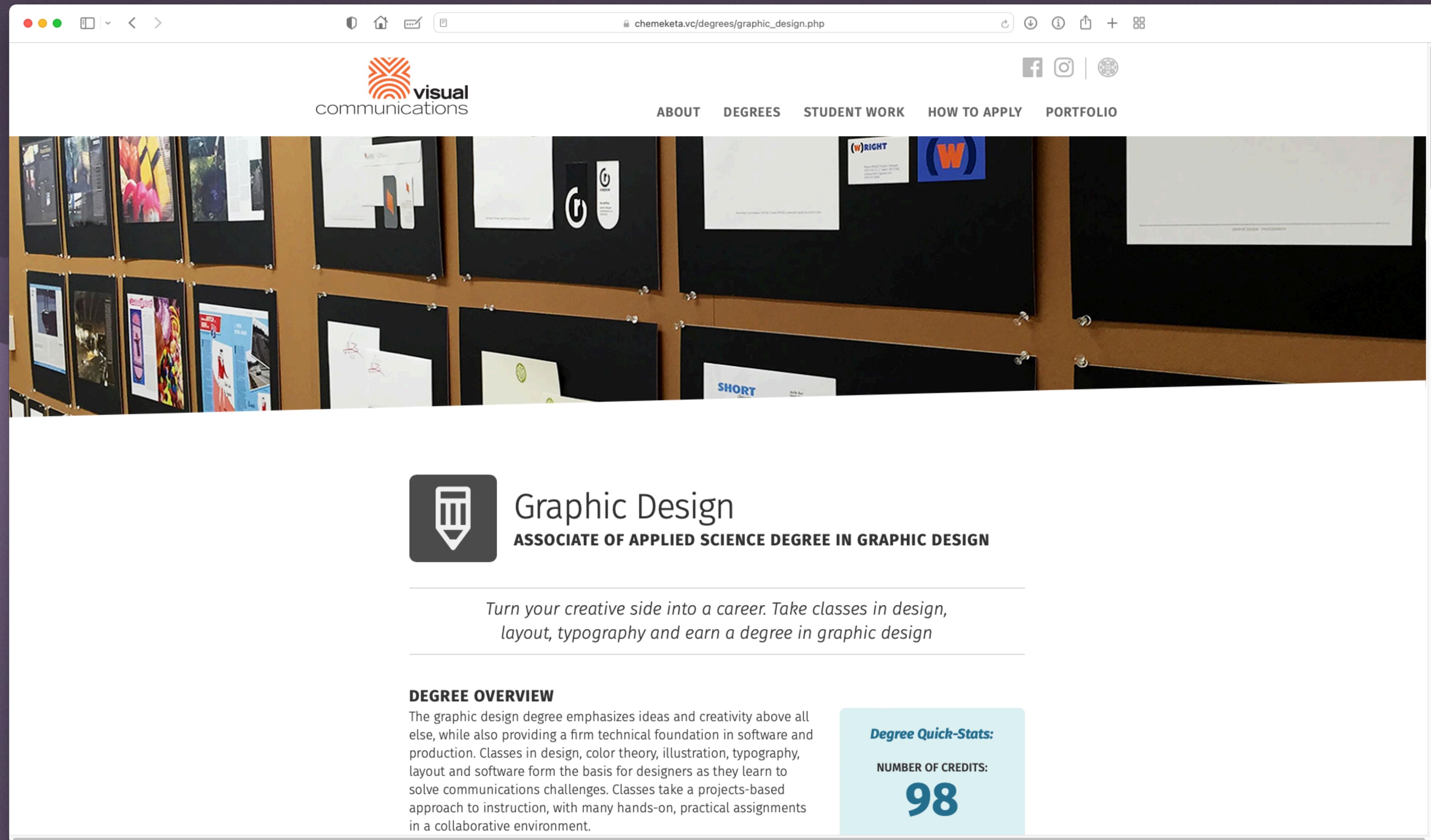
Class Notes

📄 Introduction to Figma Design

Links

- 🔗 Figma
- 🔗 Sketch
- 🔗 Adobe XD
- 🔗 Adobe's Figma acquisition is a \$20 billion bet to control the entire creative market (The Verge)
- 🔗 Adobe abandons \$20 billion acquisition of Figma (The Verge)

Page Width: Responsive with Fixed Max Content Width



The screenshot displays a web page for a graphic design program. At the top, a navigation bar includes a home icon, a search bar with the URL "chemeketa.vc/degrees/graphic_design.php", and various browser controls. Below the navigation is a header featuring the "visual communications" logo, social media links (Facebook, Instagram, YouTube), and a main menu with links to "ABOUT", "DEGREES", "STUDENT WORK", "HOW TO APPLY", and "PORTFOLIO". The main content area features a large image of a corkboard covered in student work, including various logos and designs. Below this, a section for the "Graphic Design" program is shown, featuring a pencil icon, the program name, and a description: "Turn your creative side into a career. Take classes in design, layout, typography and earn a degree in graphic design". A "DEGREE OVERVIEW" section provides a detailed description of the program's focus on ideas and creativity, technical foundation, and project-based learning. To the right, a "Degree Quick-Stats" box highlights "NUMBER OF CREDITS: 98".

chemeketa.vc/degrees/graphic_design.php

visual communications

ABOUT DEGREES STUDENT WORK HOW TO APPLY PORTFOLIO

Graphic Design
ASSOCIATE OF APPLIED SCIENCE DEGREE IN GRAPHIC DESIGN

Turn your creative side into a career. Take classes in design, layout, typography and earn a degree in graphic design

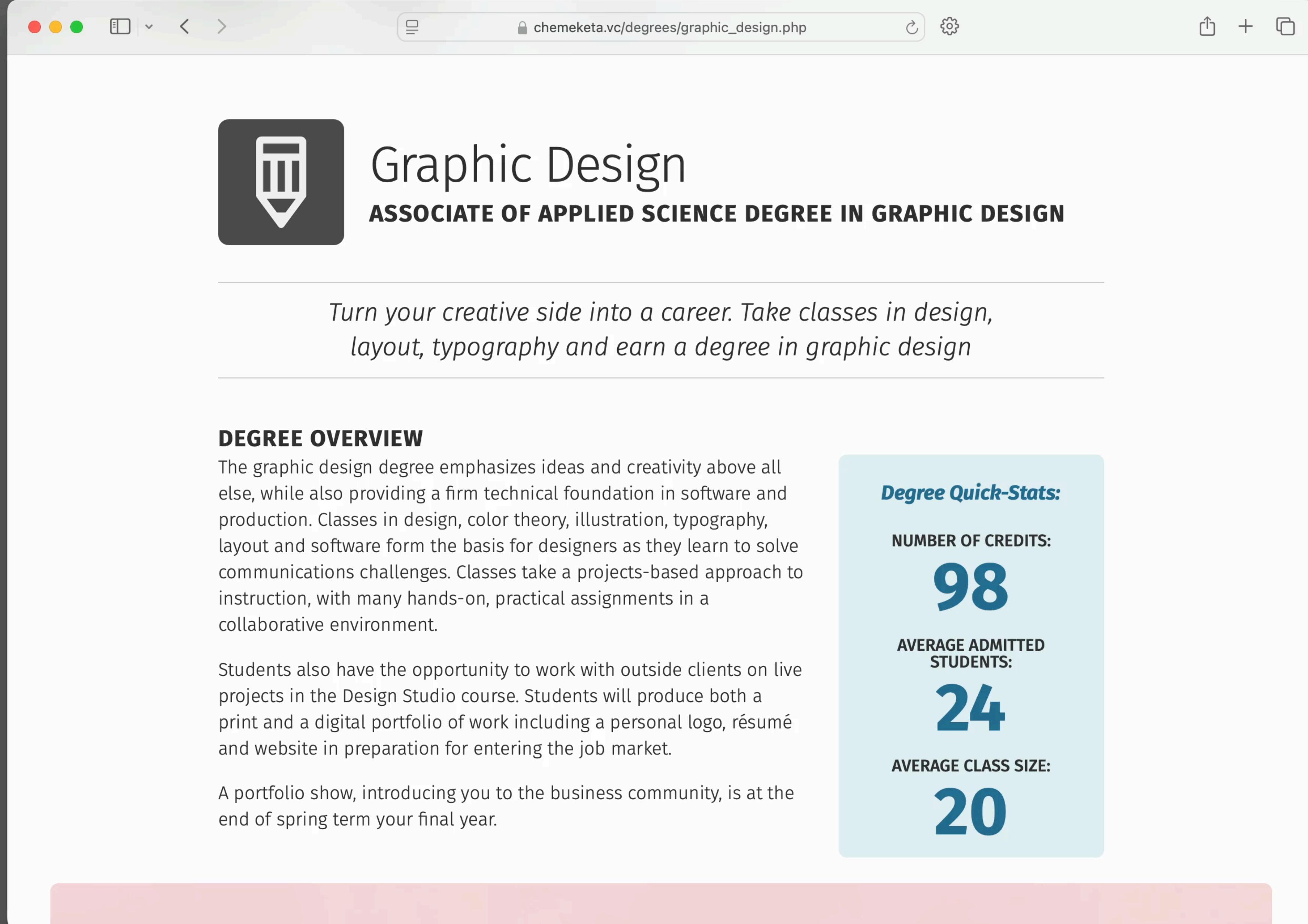
DEGREE OVERVIEW

The graphic design degree emphasizes ideas and creativity above all else, while also providing a firm technical foundation in software and production. Classes in design, color theory, illustration, typography, layout and software form the basis for designers as they learn to solve communications challenges. Classes take a projects-based approach to instruction, with many hands-on, practical assignments in a collaborative environment.

Degree Quick-Stats:

NUMBER OF CREDITS: **98**

Page Width: Responsive with Fixed Max Content Width



The screenshot shows a web browser window with the URL chemeketa.vc/degrees/graphic_design.php. The page content is as follows:

Graphic Design
ASSOCIATE OF APPLIED SCIENCE DEGREE IN GRAPHIC DESIGN

Turn your creative side into a career. Take classes in design, layout, typography and earn a degree in graphic design

DEGREE OVERVIEW

The graphic design degree emphasizes ideas and creativity above all else, while also providing a firm technical foundation in software and production. Classes in design, color theory, illustration, typography, layout and software form the basis for designers as they learn to solve communications challenges. Classes take a projects-based approach to instruction, with many hands-on, practical assignments in a collaborative environment.

Students also have the opportunity to work with outside clients on live projects in the Design Studio course. Students will produce both a print and a digital portfolio of work including a personal logo, résumé and website in preparation for entering the job market.

A portfolio show, introducing you to the business community, is at the end of spring term your final year.

Degree Quick-Stats:

NUMBER OF CREDITS:
98

AVERAGE ADMITTED STUDENTS:
24

AVERAGE CLASS SIZE:
20

1920x1080

22.98%

1536x864

11.45%

1366x768

11.4%

1280x720

6.19%

1280x960

5.17%

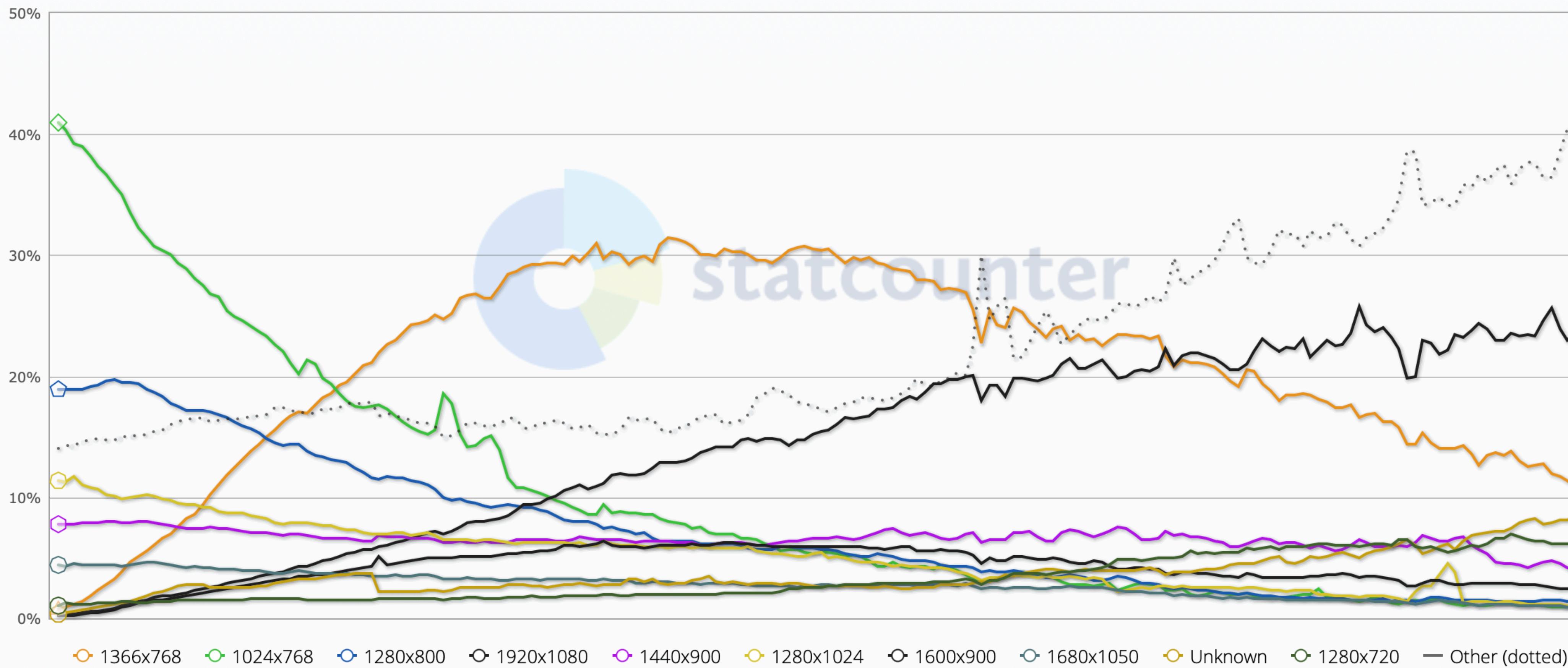
1440x900

4.17%

Desktop Screen Resolution Stats Worldwide - December 2024

Desktop Screen Resolution Stats Worldwide

Mar 2009 - Jan 2025

[Edit Chart Data](#)

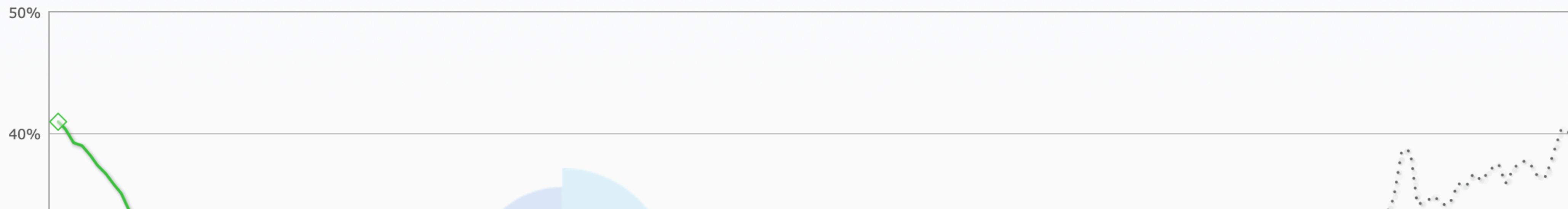
38%



Desktop Screen Resolution Stats Worldwide

Mar 2009 - Jan 2025

[Edit Chart Data](#)



Page Width Notes

- Unlike print, you do not know the final size dimensions of the medium that will display the work. The end-user makes this determination.
- Most designers currently use between **960 and 1,100 pixels** as the maximum width of most Web content designed for desktop browsers.
- **Design for scalability**—create and arrange elements so that they can scale width-wise to accommodate different size screens (be *responsive*)
- Overall page must look OK when more width is available.
- All sites designed today should work well on mobile devices.

13" and 15" models with M2 chip

MacBook Air

Overview Tech Specs Compare New to Mac **Buy**

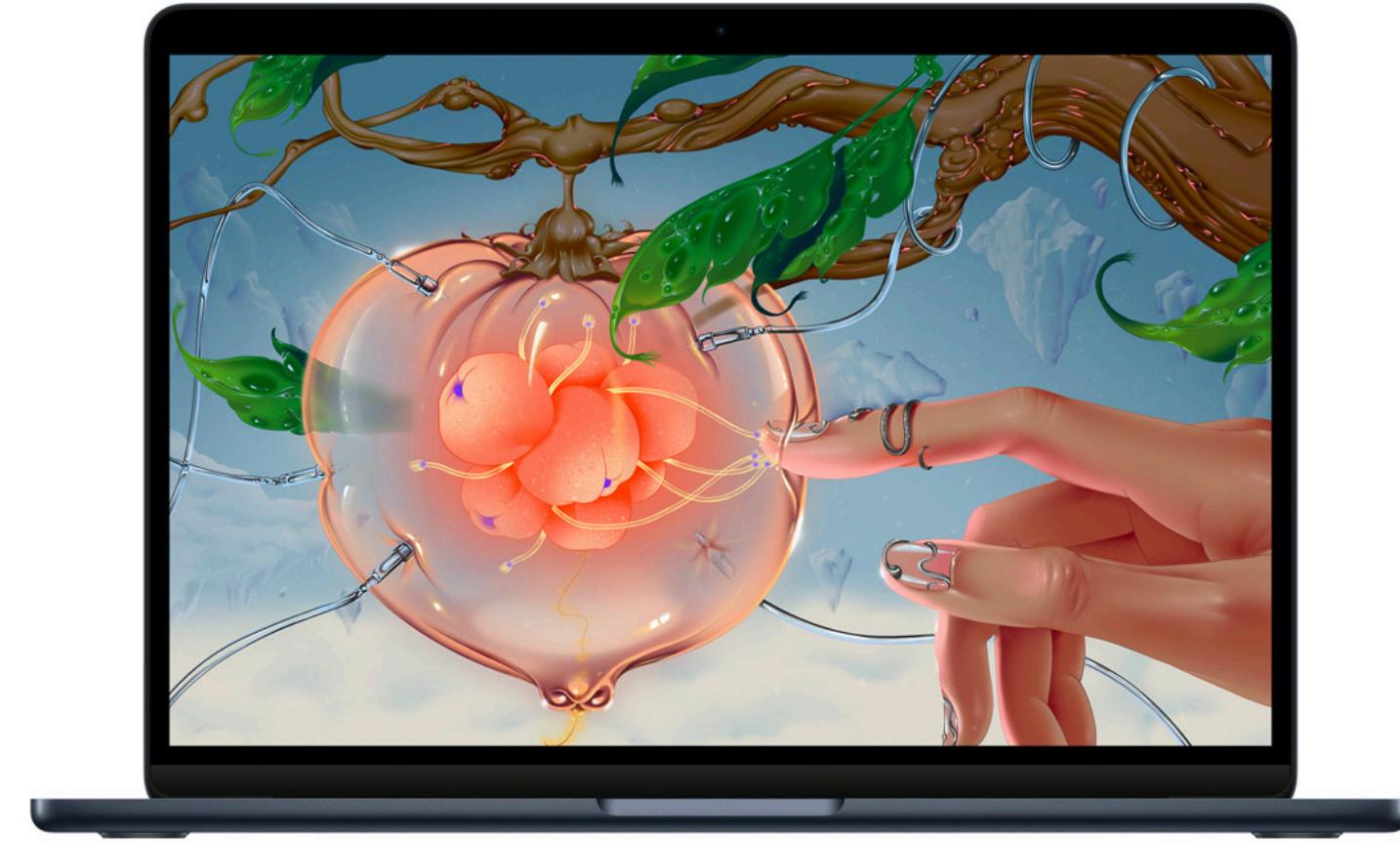
Display

Liquid Retina display

13.6-inch (diagonal) LED-backlit display with IPS technology;¹
2560-by-1664 native resolution at 224 pixels per inch
500 nits brightness

Color

Support for 1 billion colors
Wide color (P3)
True Tone technology



Memory

8GB

Display

Liquid Retina display

13.6-inch (diagonal) LED-backlit display with IPS technology;¹

2560-by-1664 native resolution at 224 pixels per inch

500 nits brightness

Color

Support for 1 billion colors

Wide color (P3)

True Tone technology

2,560px x 1,664px

2.1

2,560px x 1,664px

1,280 x 832

Virtual Pixels (CSS Pixels)

1,280 x 832

1,100

*Max Target Width
In Virtual Pixels (CSS Pixels)*

When you specify sizes in pixels,
you are actually addressing *virtual
pixels*, not actual display pixels.



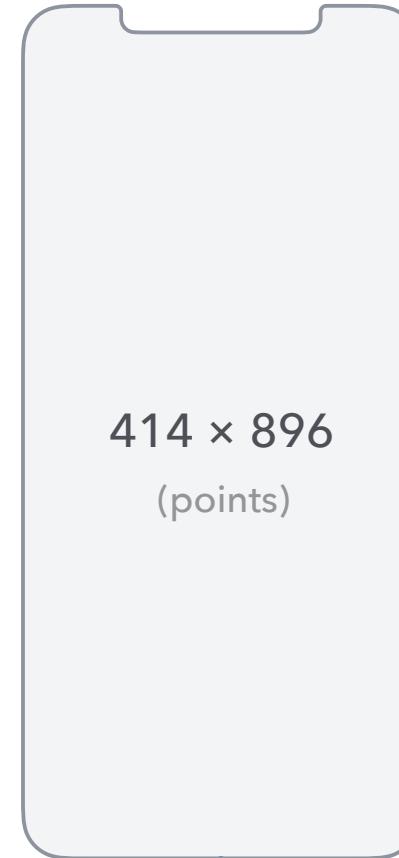
The Ultimate Guide to iPhone Resolutions, by PaintCode



Points

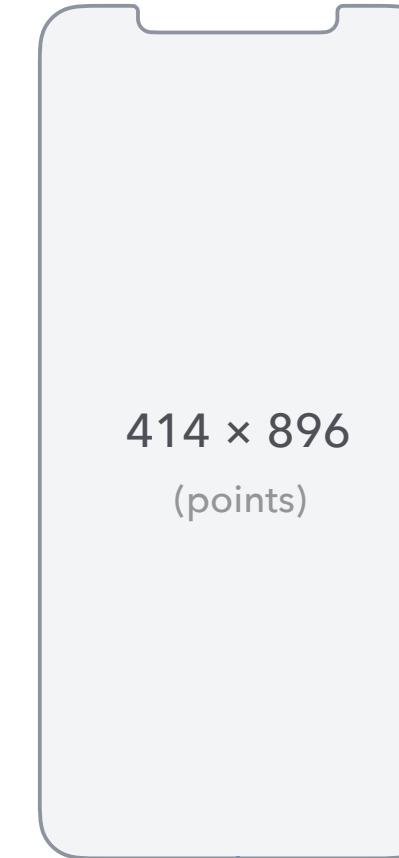
At the beginning, coordinates of all drawings are specified in *points*.

Points are abstract units, they only make sense in this mathematical coordinate space.



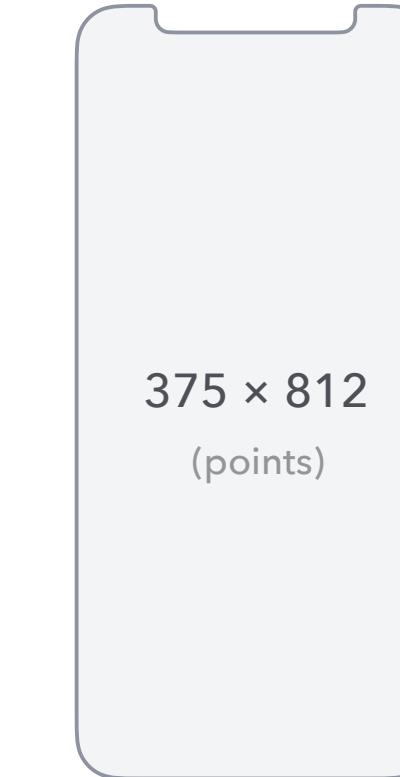
414 x 896

(points)



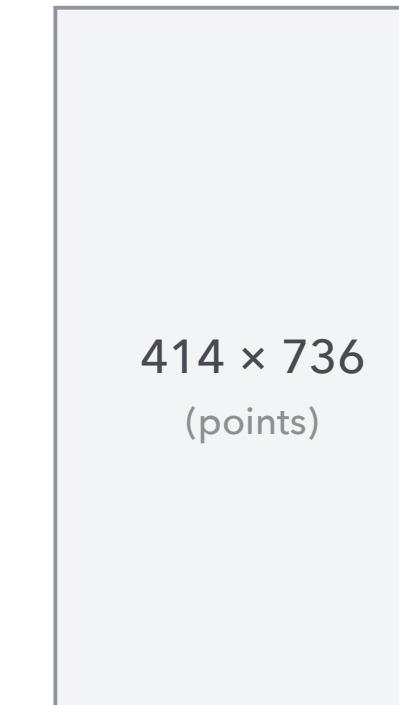
414 x 896

(points)



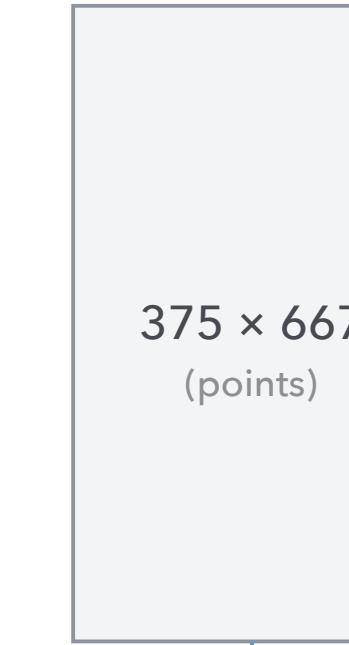
375 x 812

(points)



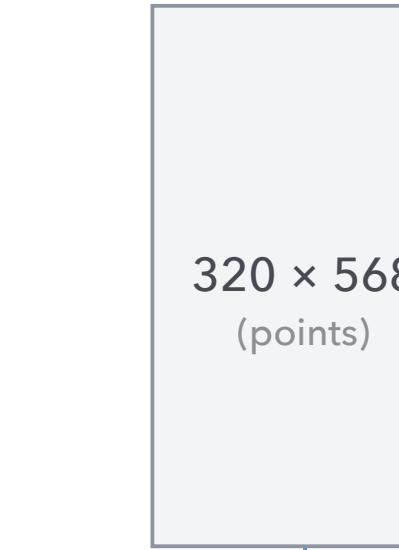
414 x 736

(points)



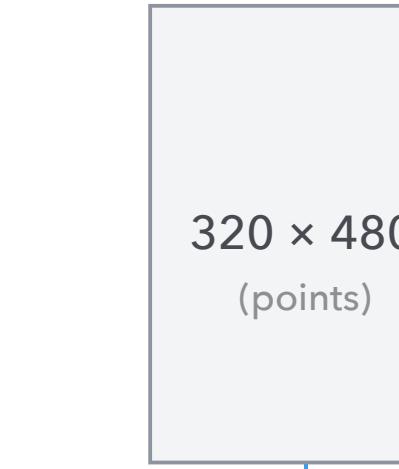
375 x 667

(points)



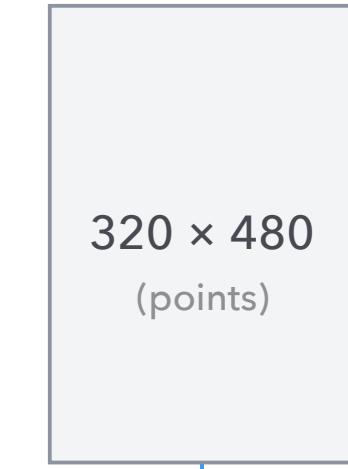
320 x 568

(points)



320 x 480

(points)

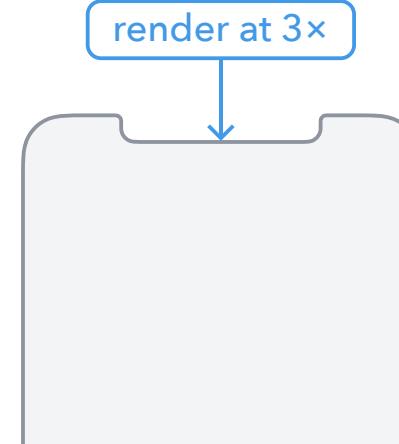


320 x 480

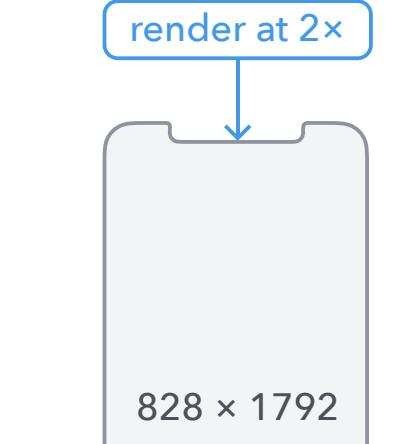
(points)

Rendered Pixels

Point-based drawings are rendered into pixels. This process is known as rasterization.

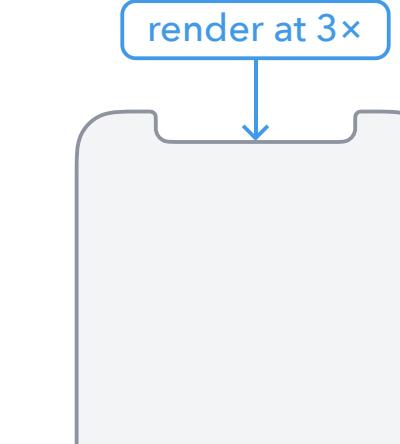


828 x 1792



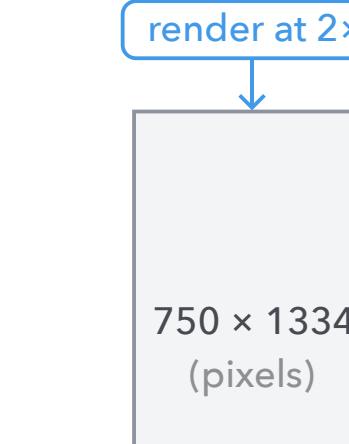
750 x 1334

(pixels)



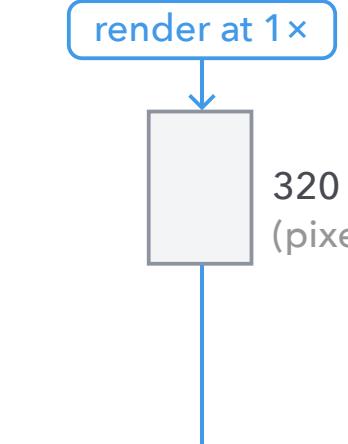
640 x 1136

(pixels)



640 x 960

(pixels)



320 x 480

(pixels)

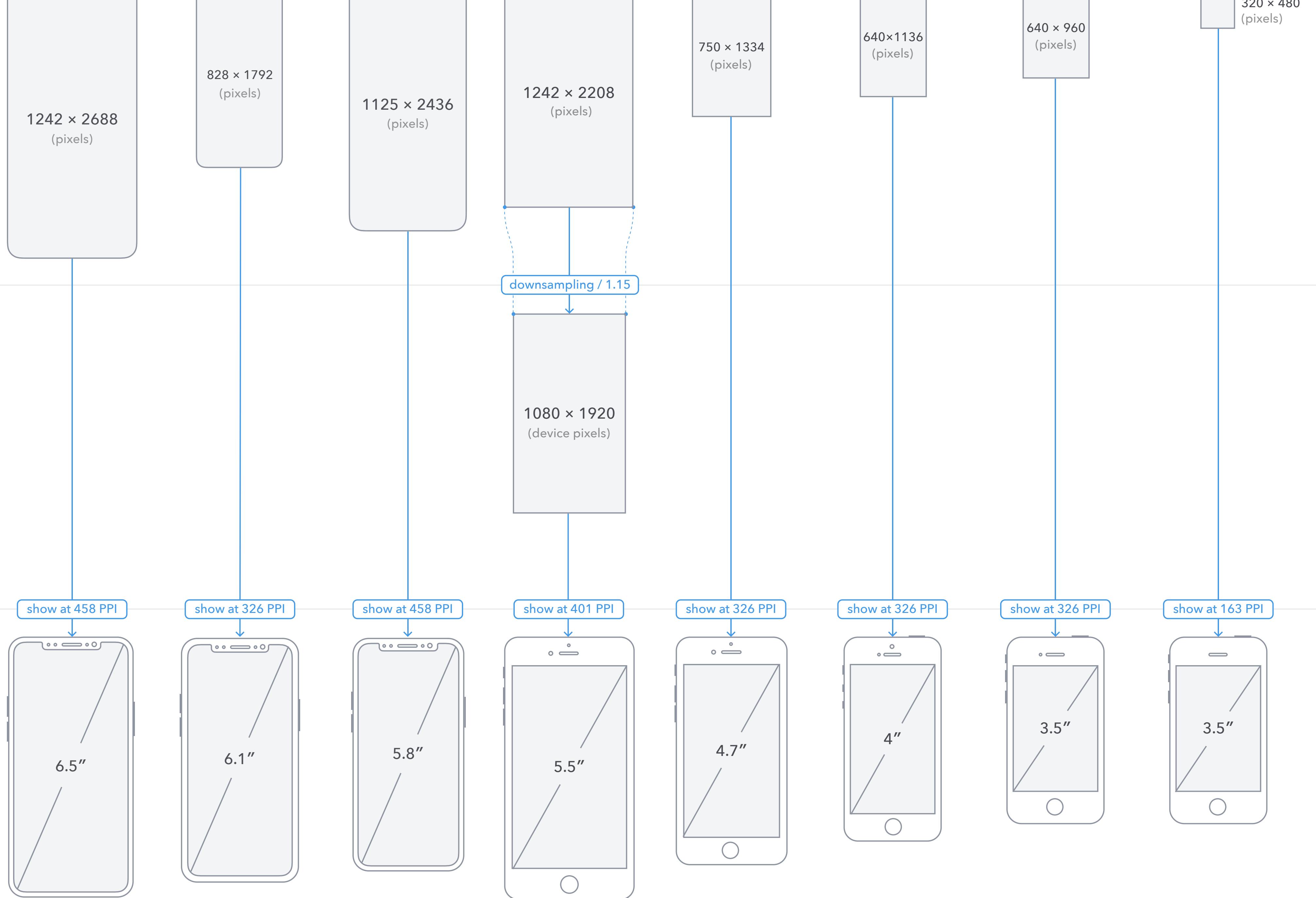
Point-based drawings are rendered into pixels. This process is known as rasterization.

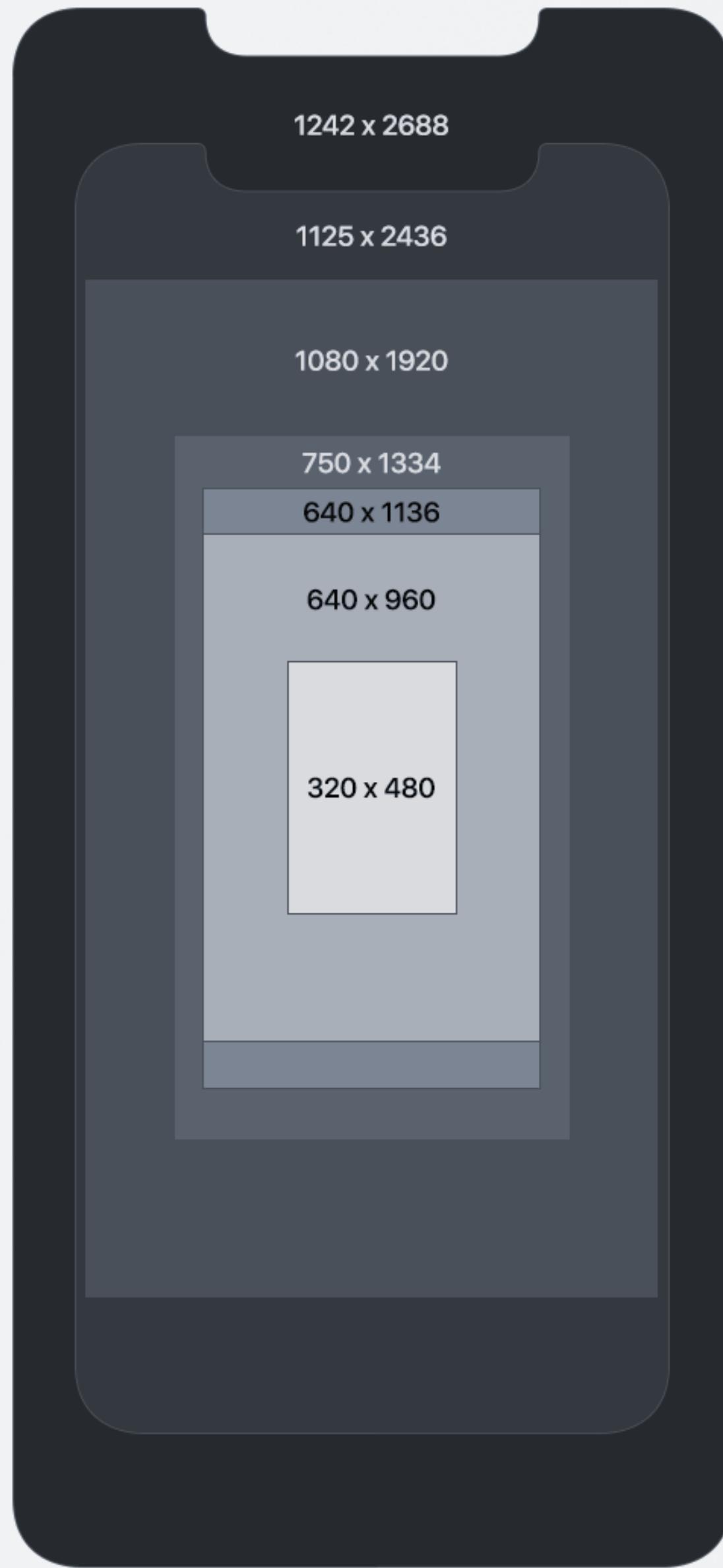
Point coordinates are multiplied by scale factor to get pixel coordinates. Higher scale factors result in higher level of detail.

Physical Pixels

The device screen may have lower pixel resolution than the image rendered in previous step.

Before the image can be displayed, it must be downsampled (resized) to lower pixel resolution.





iPhone XS Max

iPhone XS, X

iPhone 8, 7, 6s, 6 Plus

iPhone 8, 7, 6s, 6

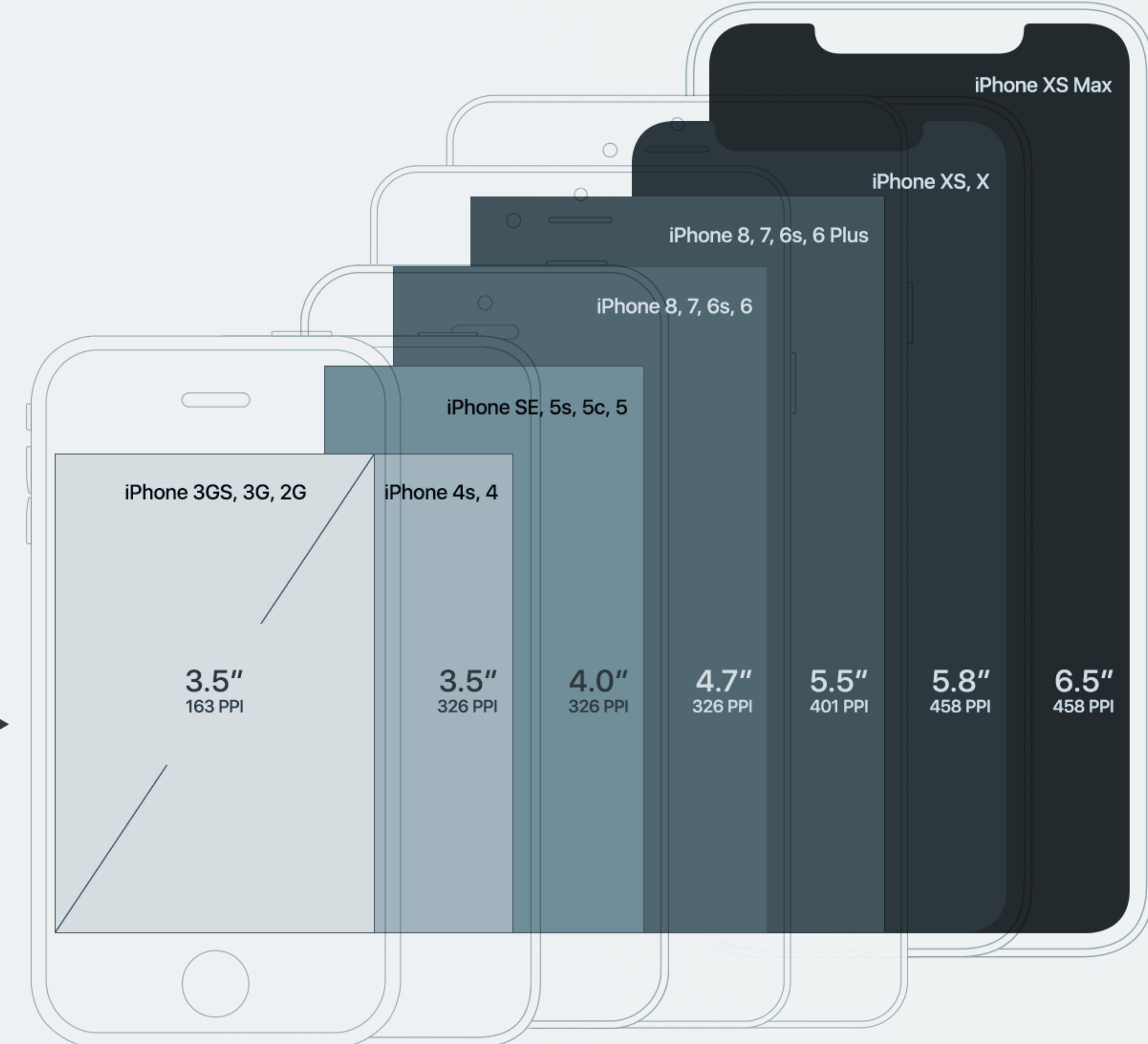
iPhone SE, 5s, 5c, 5

iPhone 4s, 4

iPhone 3GS, 3G, 2G

iPhone

◀ Screen Resolution | Size ▶
Through the Years





Why Mobile?

Mobile

63.06%

Desktop

35.08%

Tablet

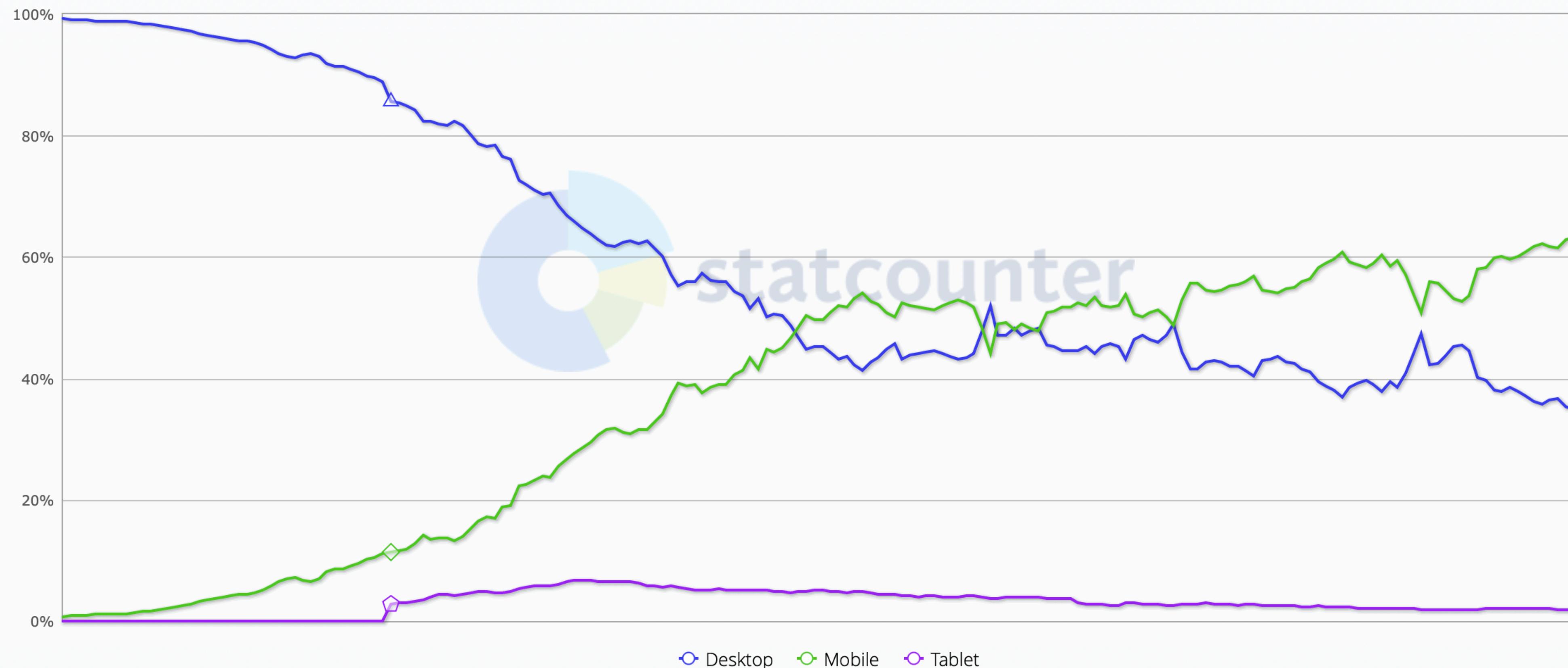
1.86%

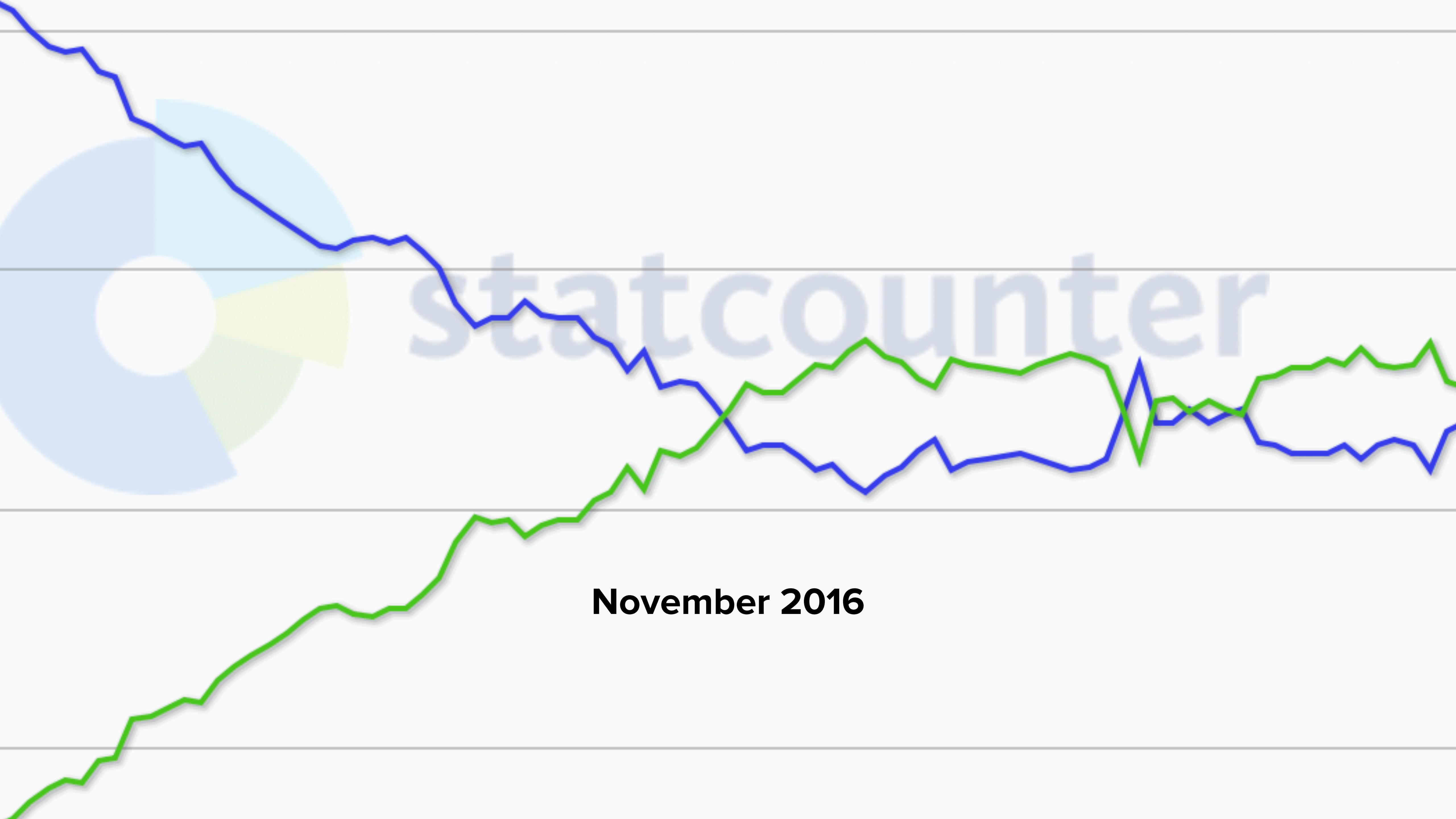
Desktop vs Mobile vs Tablet Market Share Worldwide - December 2024

Desktop vs Mobile vs Tablet Market Share Worldwide

Mar 2009 - Jan 2025

Edit Chart Data

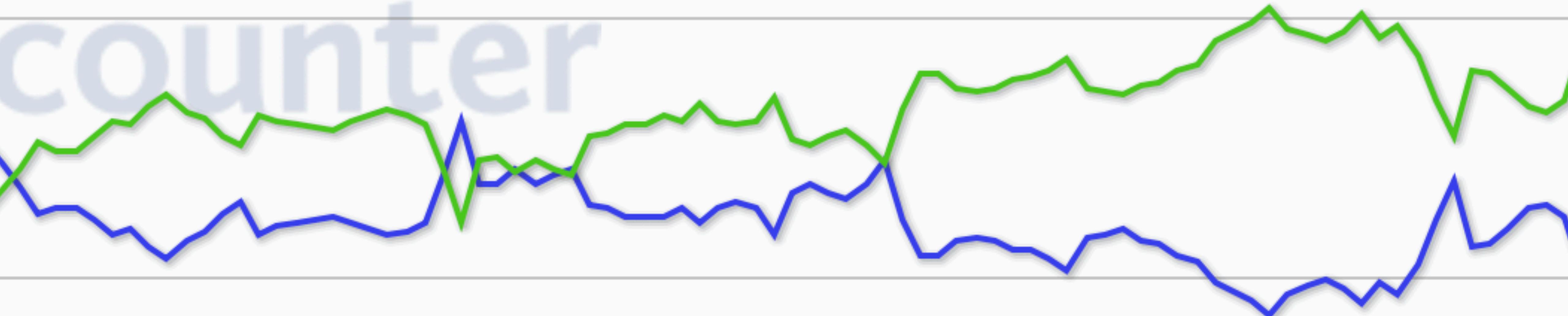




counter

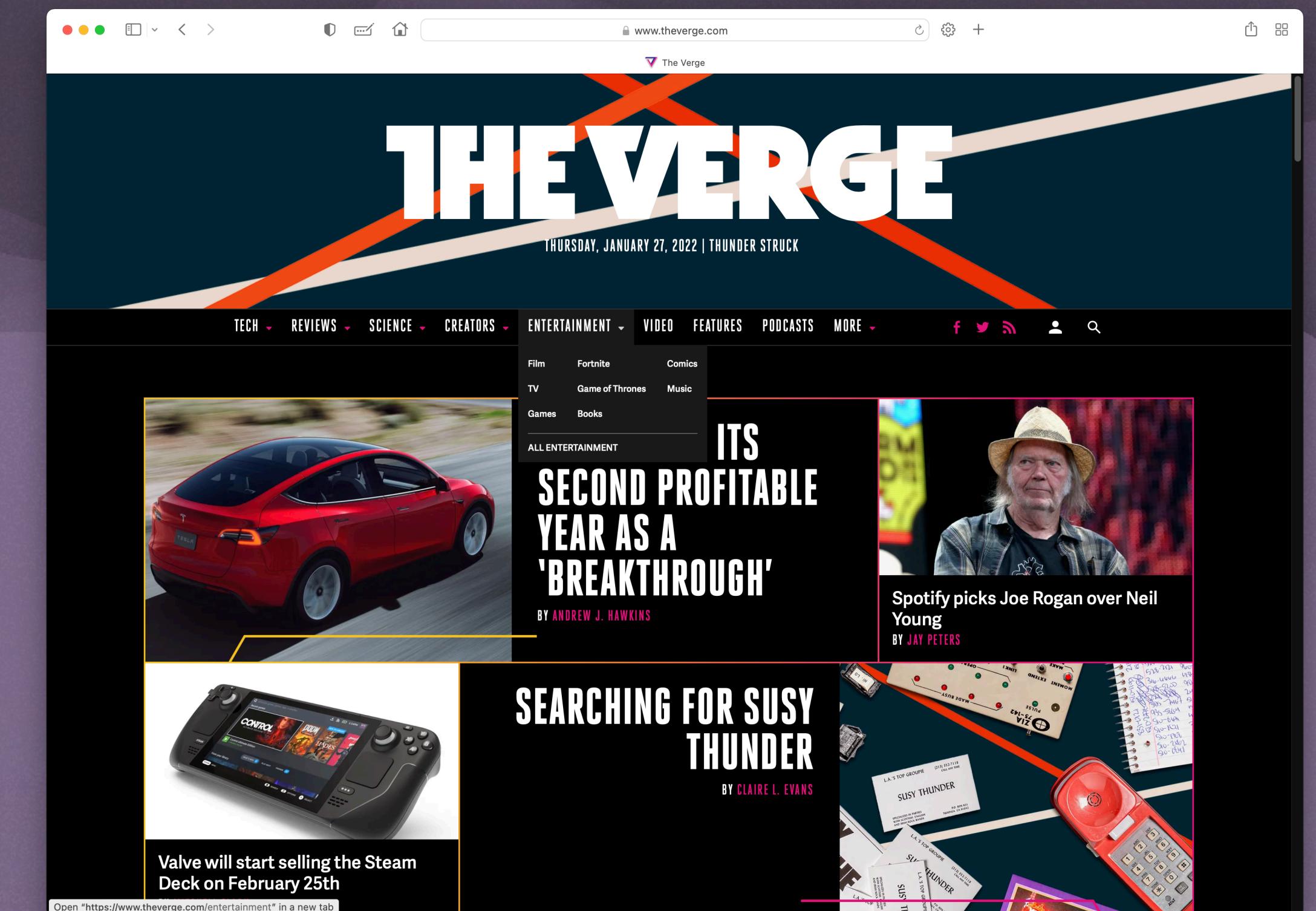
ber 2016

March 2020



Page Length is Unlimited

- It is a given that most Web pages will scroll vertically.
- Vertical space is “free” and (technically) unlimited.
- In most circumstances, there is no need to use the “page 1 / page 2” metaphor



THE VERGE

THURSDAY, JANUARY 27, 2022 | THUNDER STRUCK

TECH ▾ REVIEWS ▾ SCIENCE ▾ CREATORS ▾ ENTERTAINMENT ▾ VIDEO FEATURES PODCASTS MORE [f](#) [t](#) [r](#) [u](#) [p](#) [s](#)

Visa is a network giving small businesses more ways to win.



TESLA HAILS ITS SECOND PROFITABLE YEAR AS A BREAKTHROUGH



Apple creates personal safety guide as AirTag concerns mount

BY VICTORIA SONG



Uber sued for \$63 million by man who was paralyzed in a crash

BY KIM LYONS



Boston Dynamics' most boring robot is getting a sensible job unloading trucks

BY JAMES VINCENT

You no longer have to say 'Hey Google' to get the Assistant to shut up

BY MITCHELL CLARK

SAYING (OR YELLING) "STOP" IS JUST SO INSTINCTIVE



iPhones will soon accept contactless payments directly, says report

By Sam Byford | An hour ago



Samsung sets revenue records with stronger product sales

By Sam Byford | 2 hours ago

Visa is a network giving small businesses more



Ray Jardine's rayjardine.com Adventure Page

Ray Jardine, author: *Trail Life, Beyond Backpacking, The Ray-Way Tarp Book, Silu Kayak, The PCT Hiker's Handbook, The CDT Pocket Planner*. This site features a collection of adventure stories and articles about long distance, lightweight hiking and backpacking, Baja and Arctic sea kayaking, Barrierlands canoeing, round-the-world sailing, skydiving, ocean rowing, bicycle touring, knifemaking, snowkiting, skiing to the South Pole, mountaineering, and more!

5,706,534 visitors

News

Click on the above link to find out what is happening.

2010



Ray has finished his [TransAm-2010](#) cycling trip, 3,783 miles in 54 days.



[Skiing to South Pole](#)
750 mi in 57 days.



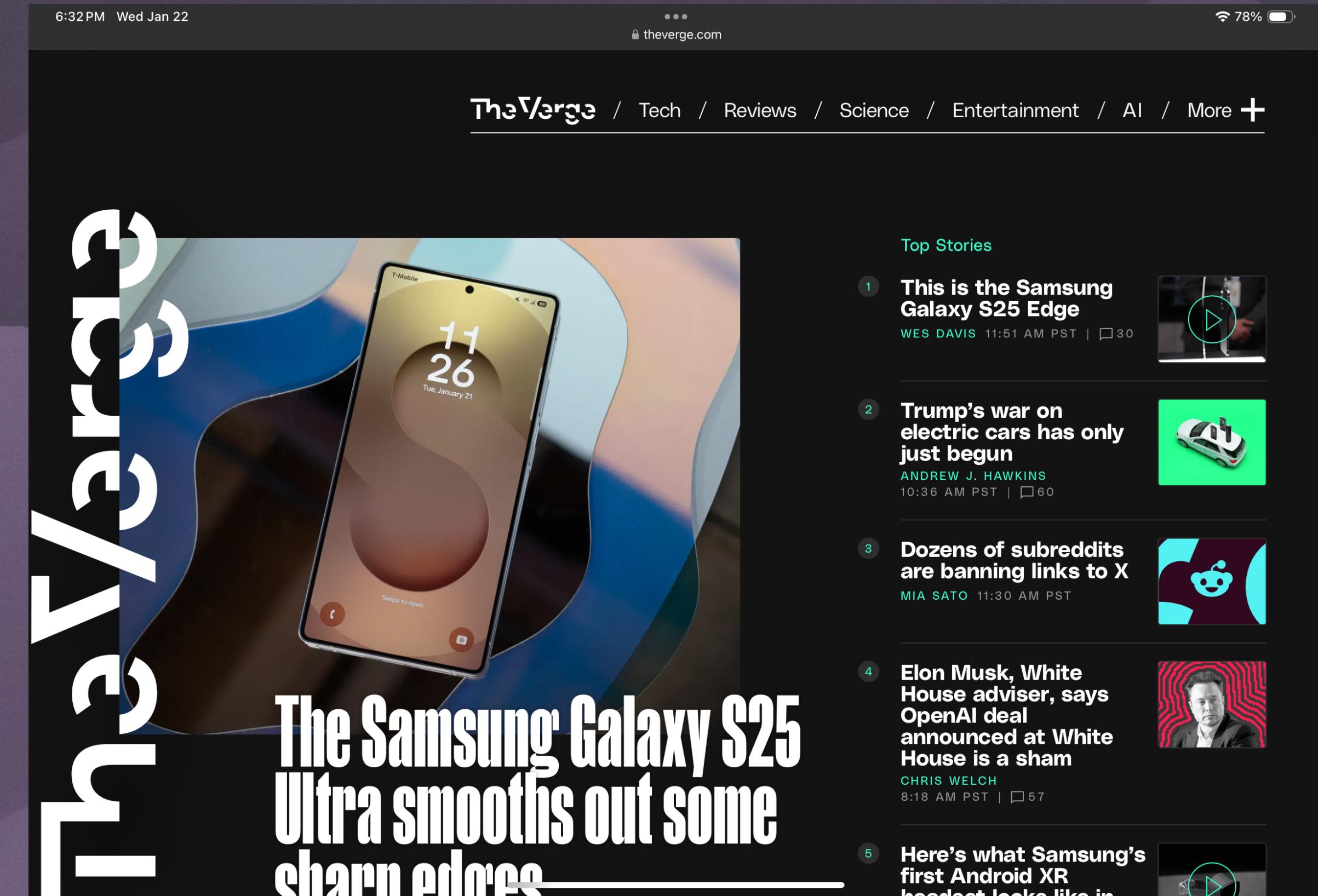
[Rowing across the Atlantic](#)
3,000 miles in 53 days
See also



- [Trail Life](#)
- [Ray's Website](#)
- [ORDER FORM](#)
- [Sewing Tips](#)
- [why-cow?](#)
- [Ray Way](#)
- [Trail-Life](#)
- [Quilt Kit](#)
- [Snowbag-Kit](#)
- [Storage-Bag-Kit](#)
- [B-tactical](#)
- [Q-Updates](#)
- [Backpack Kit](#)
- [Ba-Pocket](#)
- [Ba-Clothes](#)
- [Ba-Videos](#)
- [Ba-Updates](#)
- [Tarp-Kit](#)
- [Birthdays](#)
- [Battling](#)
- [Sewing](#)
- [Tarp-Book](#)
- [Tb-Updates](#)
- [Bomber-in-a-Kit](#)
- [Knife-Kit](#)
- [Sharpening-Kit](#)
- [Sisal-Kit](#)
- [Sewing-Thread](#)



Both width and length can change at any time



WEB PRESENTATION

Cascading Style Sheets

(REMEMBER ANYTHING FROM VC237?)

vc237.chemeketa.vc/fernando/portfolio.html

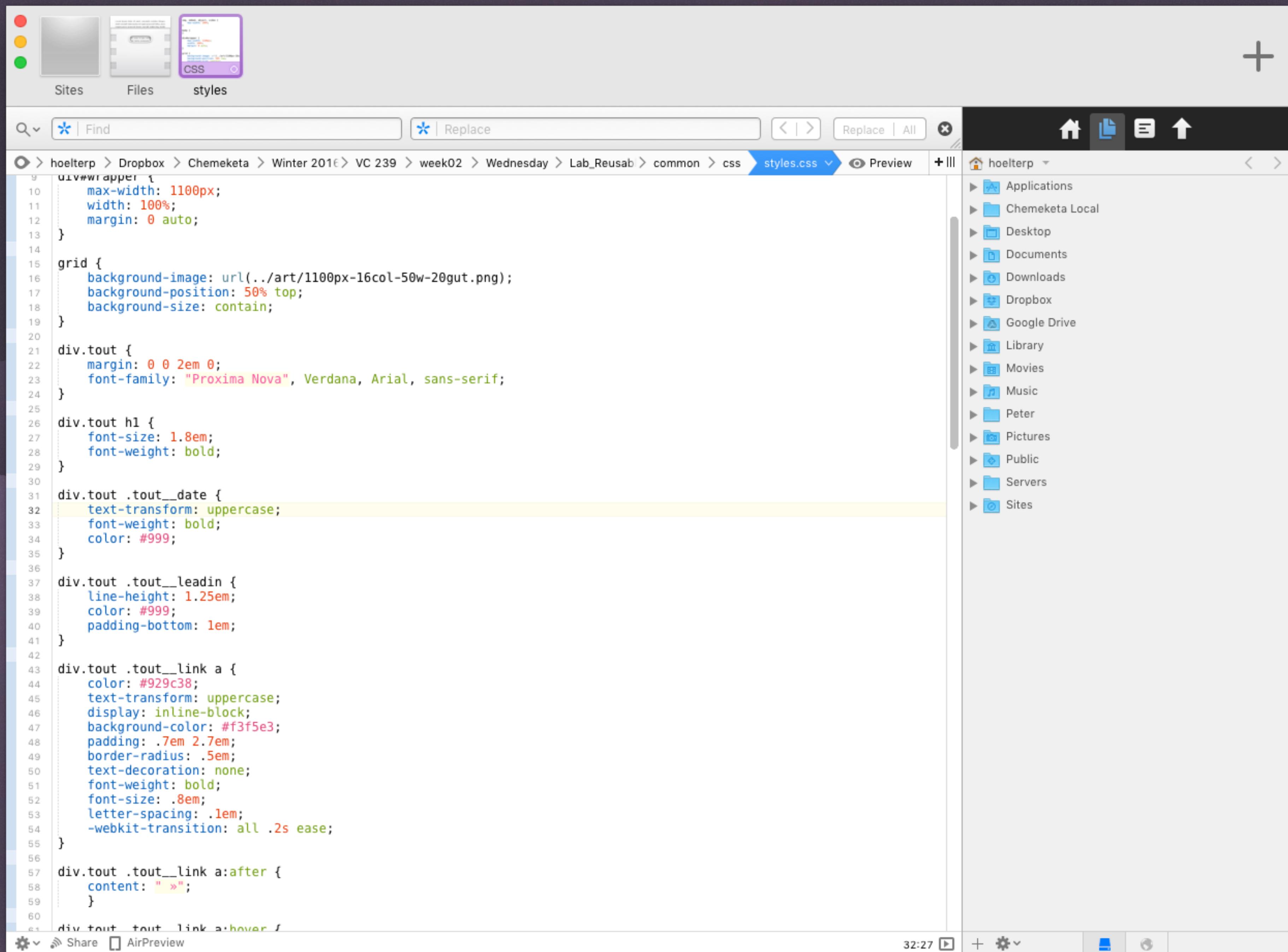
HOME BIOGRAPHY PORTFOLIO FUN FACTS CONTACT ME

Portfolio

This portfolio consists of seven of my top pieces that I created revolving around the theme of JDM cars. Each piece focuses on a different car. I am really passionate about Japanese car culture, and hope to share that interest with you.



THAT WAS ALL HTML AND CSS...



```
14
15 grid {
16   background-image: url(../art/1100px-16col-50w-20gut.png);
17   background-position: 50% top;
18   background-size: contain;
19 }
20
21 div.tout {
22   margin: 0 0 2em 0;
23   font-family: "Proxima Nova", Verdana, Arial, sans-serif;
24 }
25
26 div.tout h1 {
27   font-size: 1.8em;
28   font-weight: bold;
29 }
30
31 div.tout .tout__date {
32   text-transform: uppercase;
33   font-weight: bold;
34   color: #999;
35 }
36
37 div.tout .tout__leadin {
38   line-height: 1.25em;
```

...and understanding HTML and CSS helps tremendously, even in web design work that doesn't require one line of code.

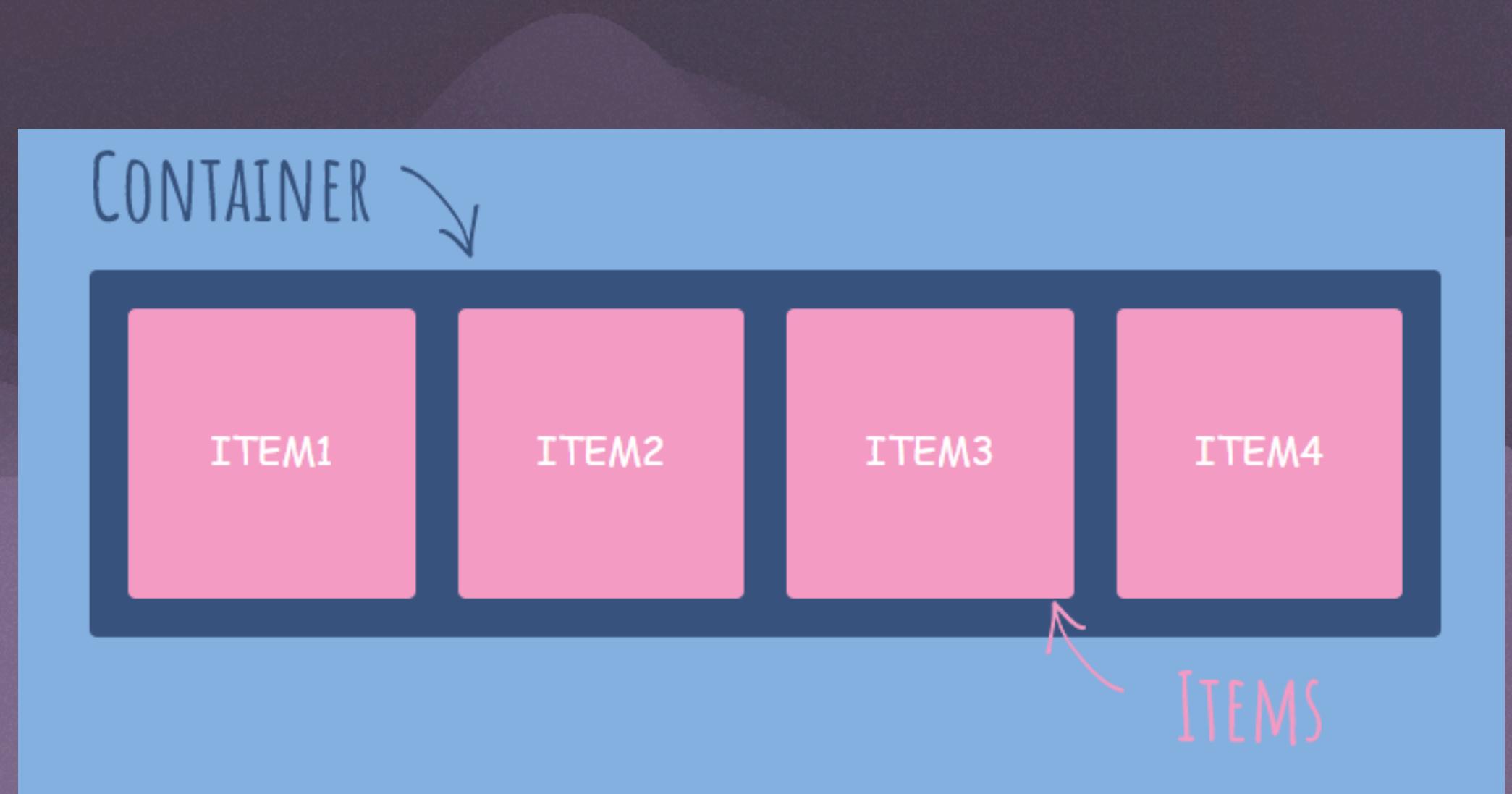
Cascading Style Sheets

- The best web designers I have known also knew at least some HTML and CSS.
- They represent the final representation of your designs—it only makes sense that you have some knowledge of how these “materials” come together to create the final product.
- You wouldn’t design something in a physical medium like tile, wood, or metal without having some understanding of the physical qualities of the material.

WEB PRESENTATION CSS Layout

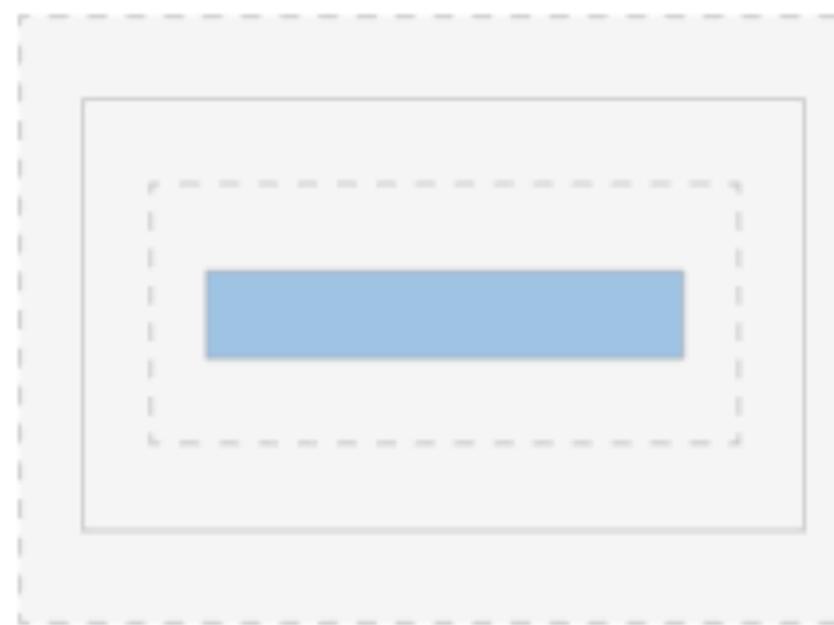
Floats, Flexbox & CSS Grid

- Everything is a Box
- Aligning items to a grid
- Specific positions (fixed items)
- Flexible, responsive Web design
- CSS Grid



CSS Box Model

It's important to understand the basics, like how elements are generated and behave in the browser, before diving into responsive web design. The CSS Box Model consists of four distinct parts.



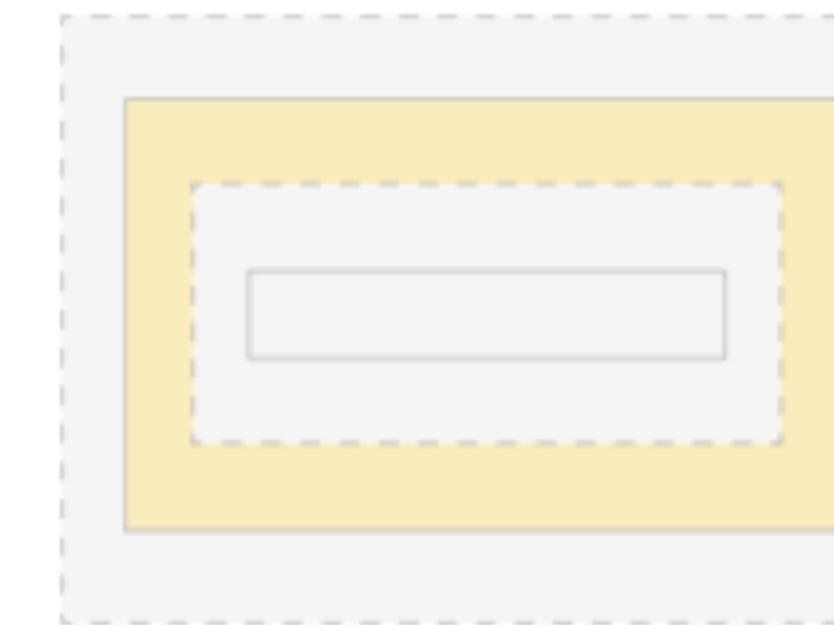
Content

The content of the box, where text and images appear.



Padding

Clears an area around the content.



Border

A border that goes around the padding.



Margin

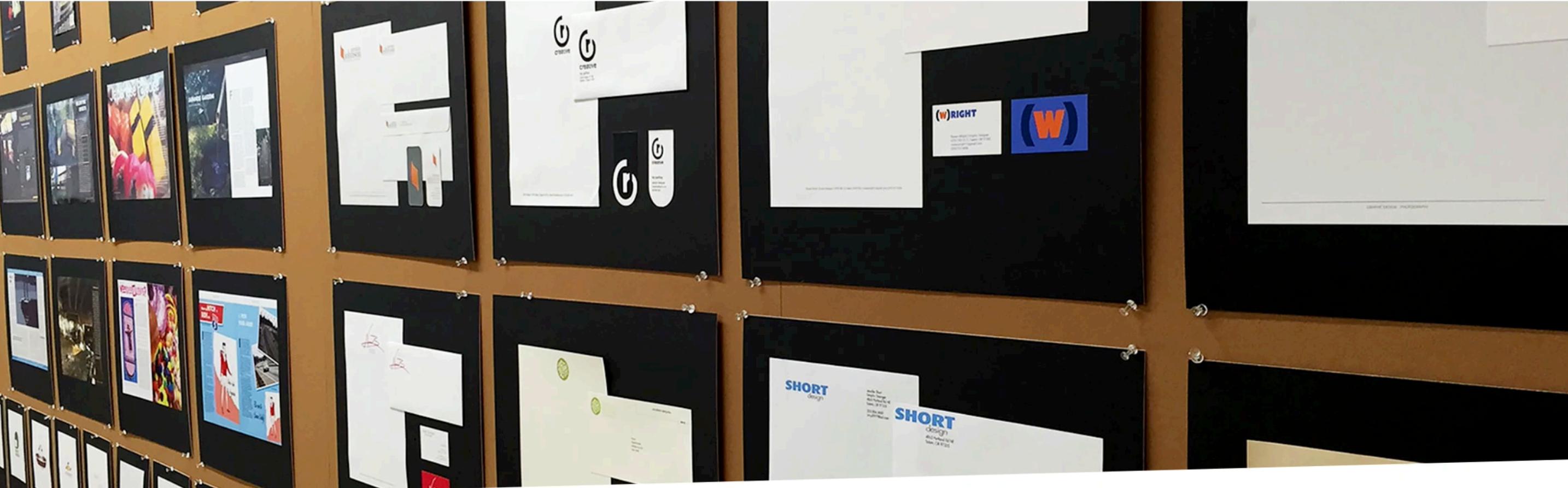
Clears an area around the border.

Visual Communications Program X +

https://chemeketa.vc/degrees/graphic_design.php

visual
communications

ABOUT DEGREES STUDENT WORK HOW TO APPLY PORTFOLIO



Graphic Design

ASSOCIATE OF APPLIED SCIENCE DEGREE IN GRAPHIC DESIGN



Turn your creative side into a career. Take classes in design, layout, typography and earn a degree in graphic design

DEGREE OVERVIEW

The graphic design degree emphasizes ideas and creativity above all else, while also providing a firm technical foundation in software and production. Classes in design, color theory, illustration, typography, layout and software form the basis for designers as they learn to solve communications challenges. Classes take a projects-based approach to instruction, with many hands-on, practical assignments in a

Degree Quick-Stats:

NUMBER OF CREDITS:

98

Inspector Console Debugger Network Style Editor

Search HTML

```
<!DOCTYPE html>
<html lang="en"> event scroll
  <head> ... </head>
  <body>
    <header class="outerwrap"> overflow
      <div class="innerwrap"> ... </div> flex
    <section class="innerwrap">
      <nav id="mobile"> ... </nav>
      <nav id="primary">
        <ul> ... </ul> flex
      </nav>
    </section>
    </header>
    <div class="outerwrap hero" style="background-image: url('/common/art/hero_content_pages/critique_wall.jpg');"> ... </div> flex overflow
    <main> ... </main>
    <section class="outerwrap glamhero startpromo footer"> ... </section> overflow
    <footer class="outerwrap"> ... </footer> overflow
  </body>
</html>
```

html > body > header.outerwrap > section.innerwrap > nav#primary > ul

Filter Styles Layout Computed Changes Fonts Animations

:hover .cls + ☀ element inline

body { background-color: white; }

reset.css:31 body { line-height: 1; }

reset.css:12 html, body, div, span, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, big, cite, code, del, dfn, em, img, ins, kbd, q, s, samp, small, strike, strong, sub, sup, tt, var, b, u, i, dl, dt, dd, ol, ul, li, fieldset, form, label, legend, table, caption, tbody, tfoot, thead, tr, th, td, article, aside, canvas, details, embed,

Flexbox

Select a Flex container or item to continue.

Grid

Overlay Grid Grid Display Settings

ul { display: grid; grid-template-columns: 1fr 1fr; grid-template-rows: 1fr 1fr; }

Display line numbers

Display area names

Extend lines infinitely

Box Model

margin 0 0 0 0

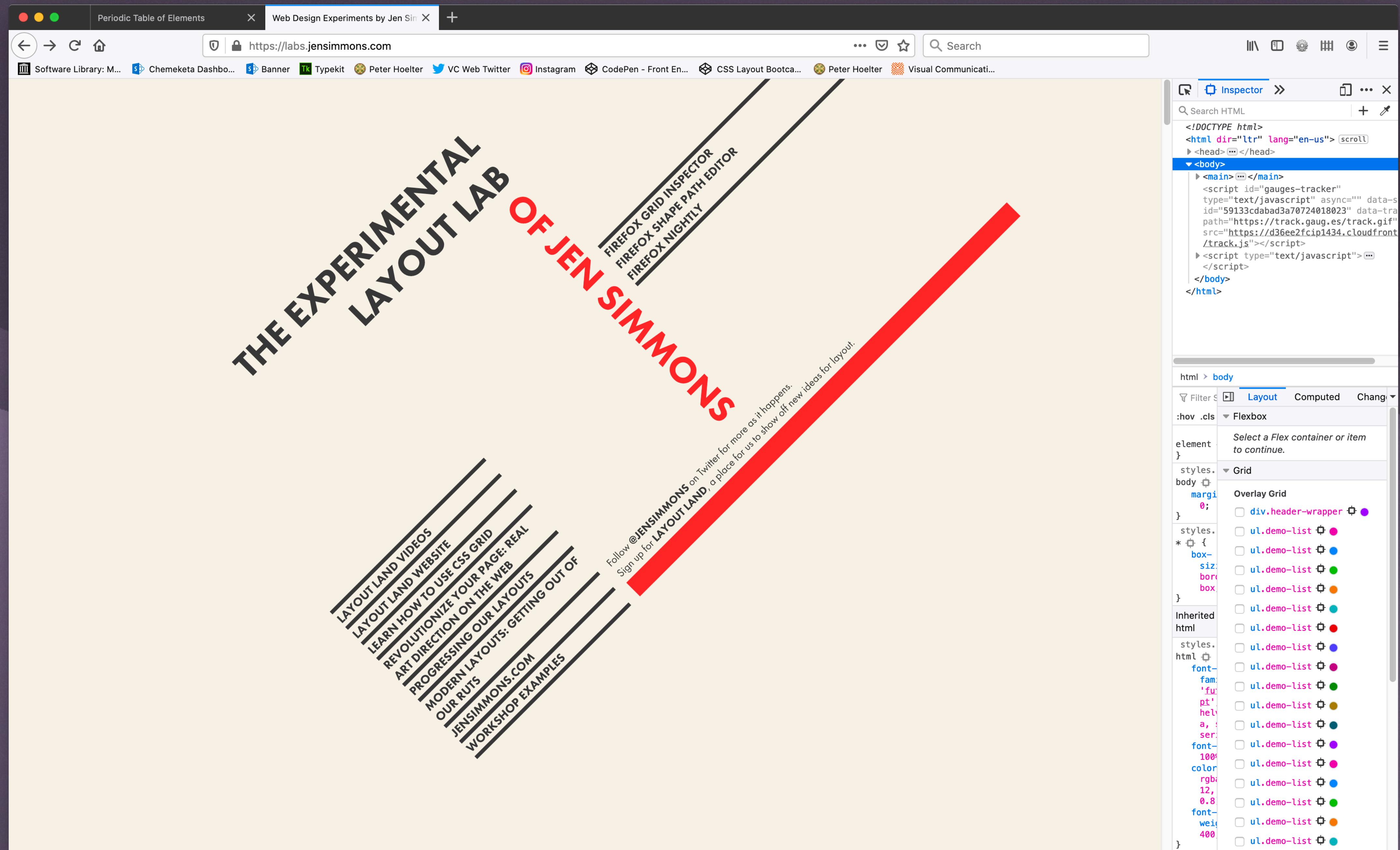
border 0 0 0 0

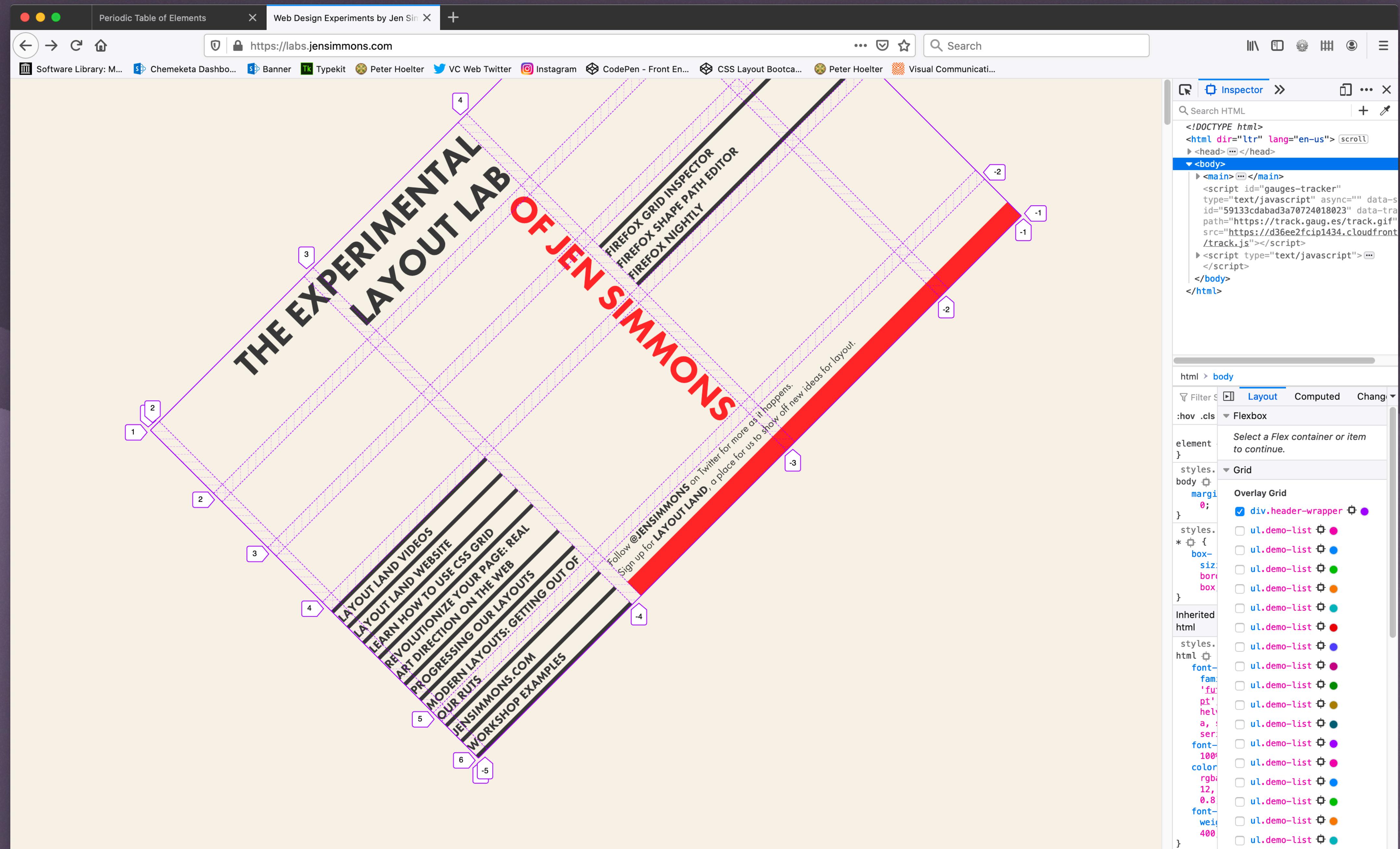
padding 1205x5848.83 0 0 0

1205x5848.83 static

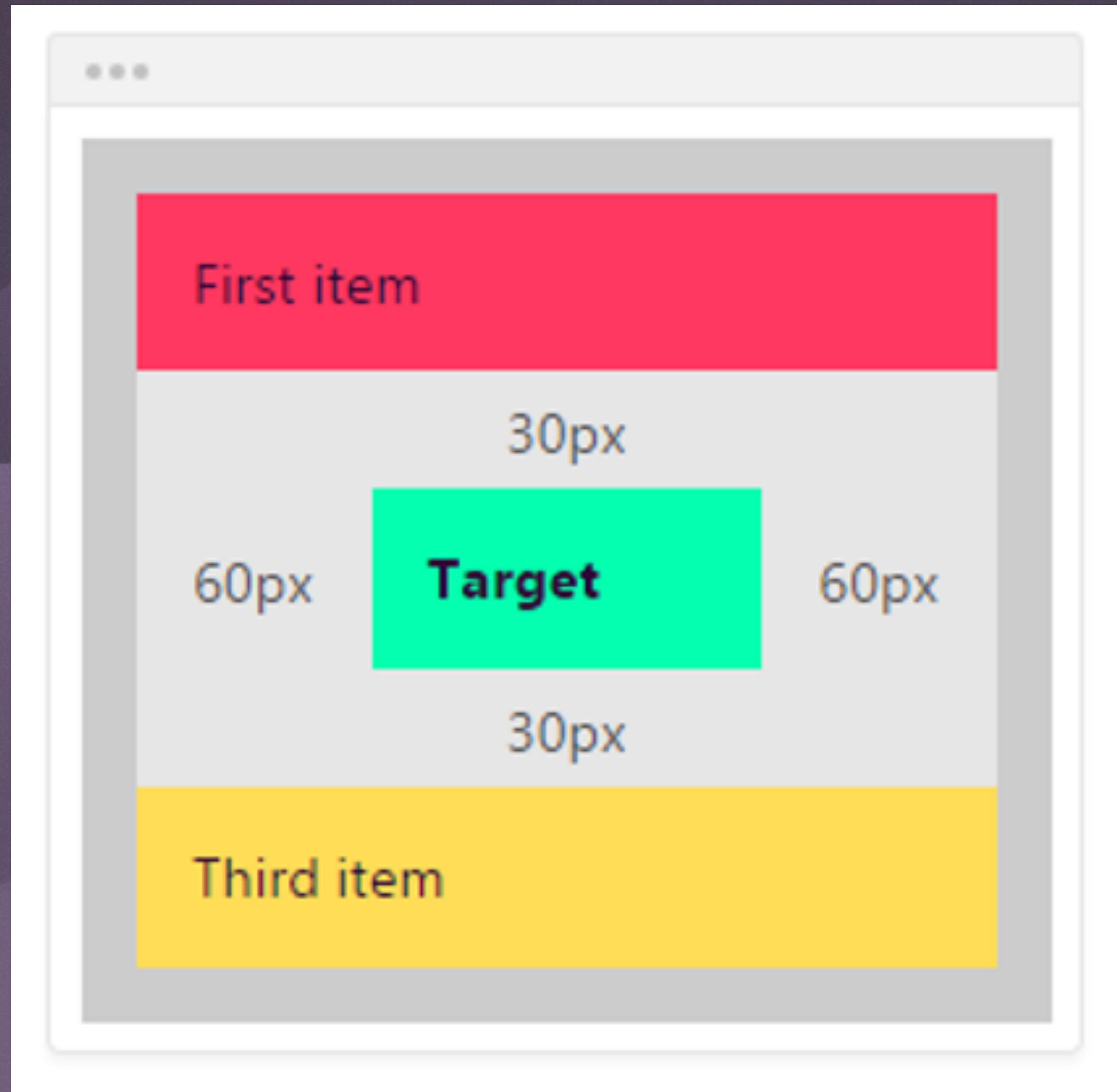
Box Model Properties

| | |
|-------------|--------|
| border-box | block |
| display | none |
| float | 16px |
| line-height | static |
| position | auto |
| z-index | |





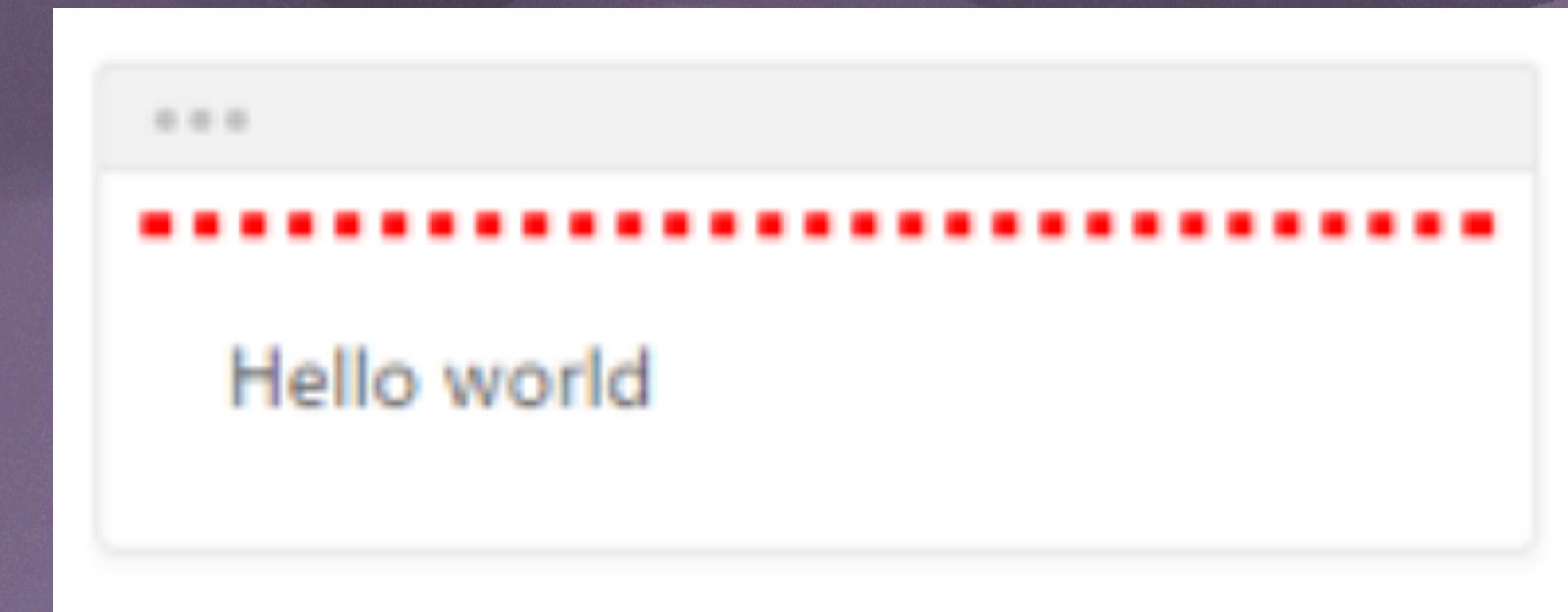
Space Around Objects



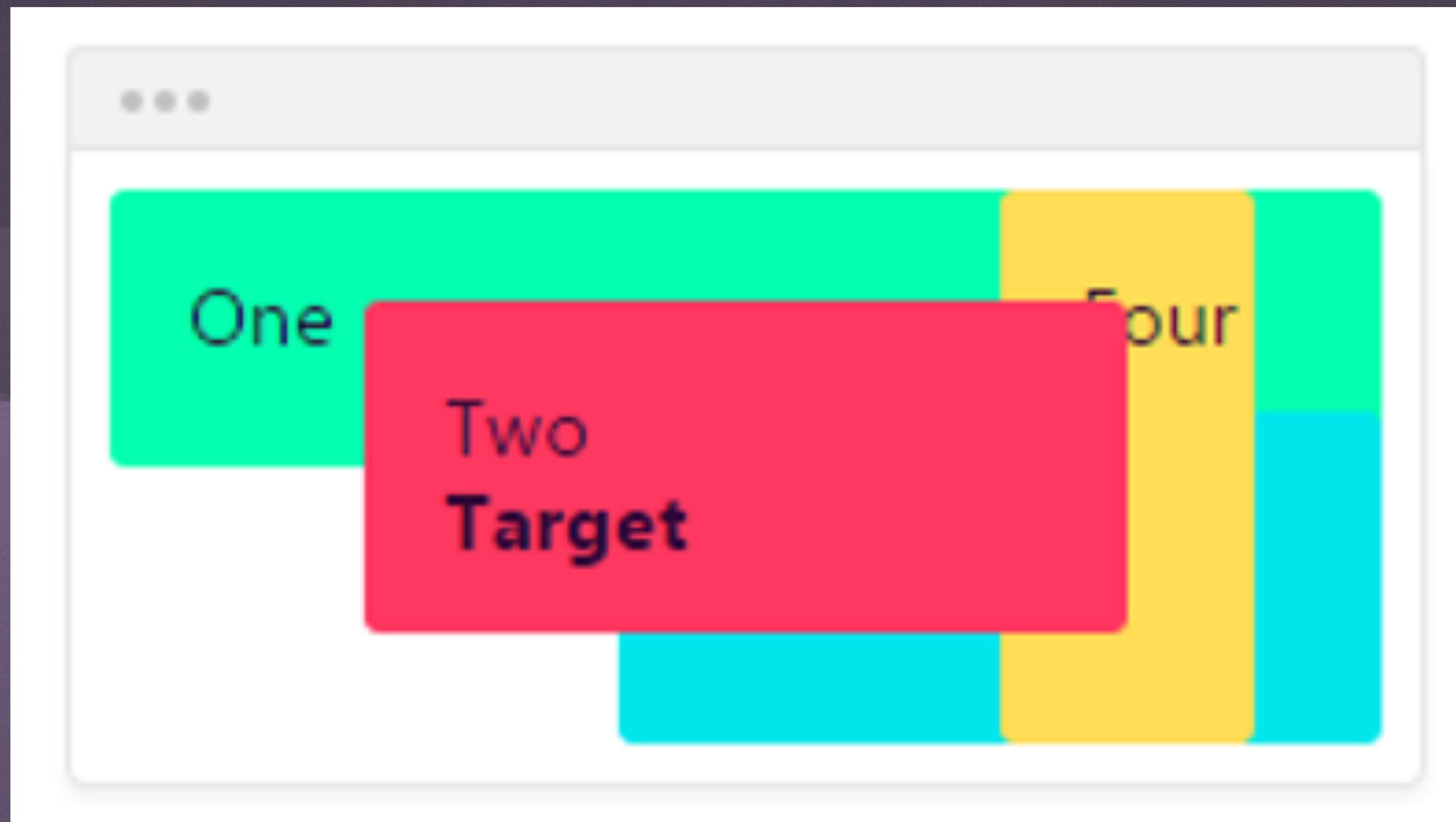
Borders

You can control:

- Color
- Thickness
- Style



Z-Index



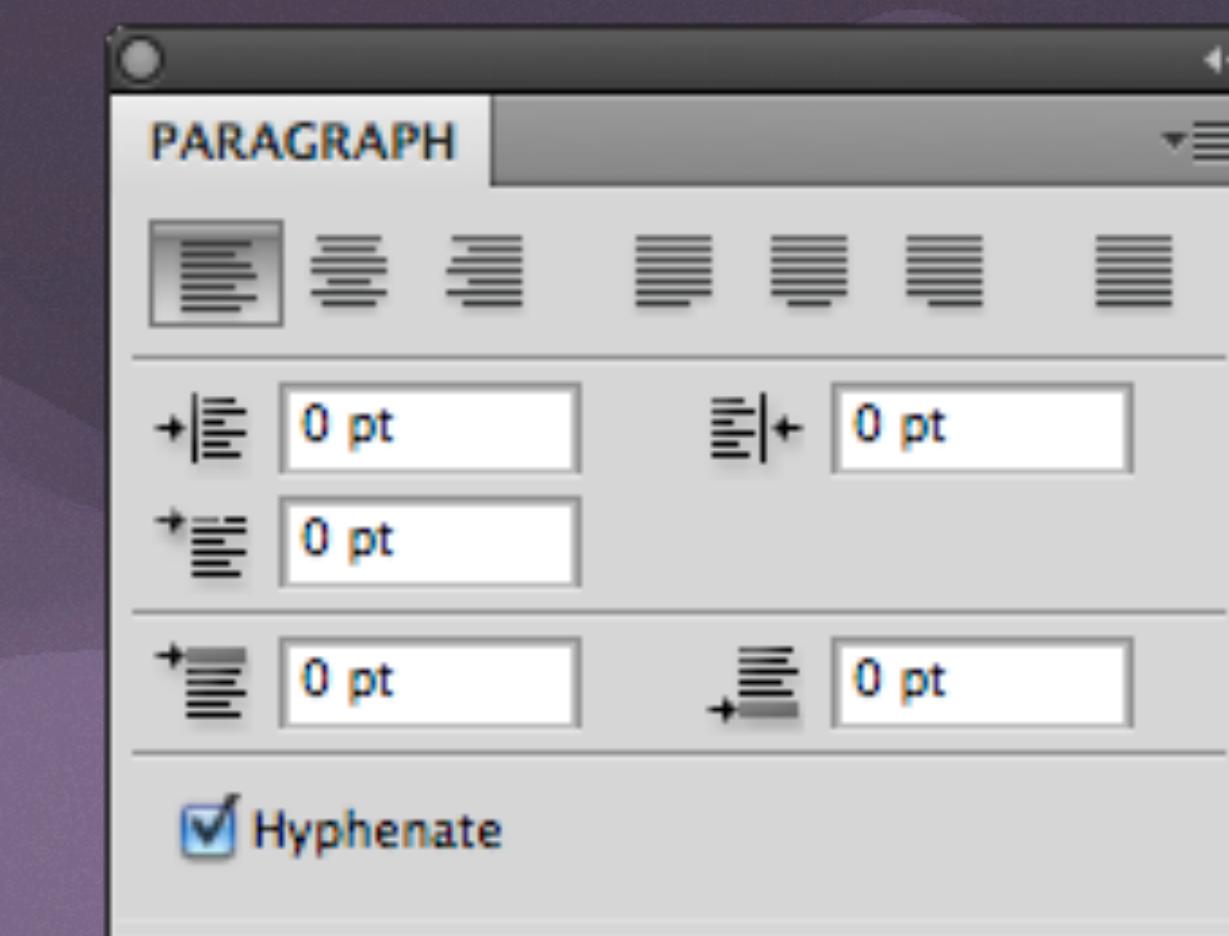
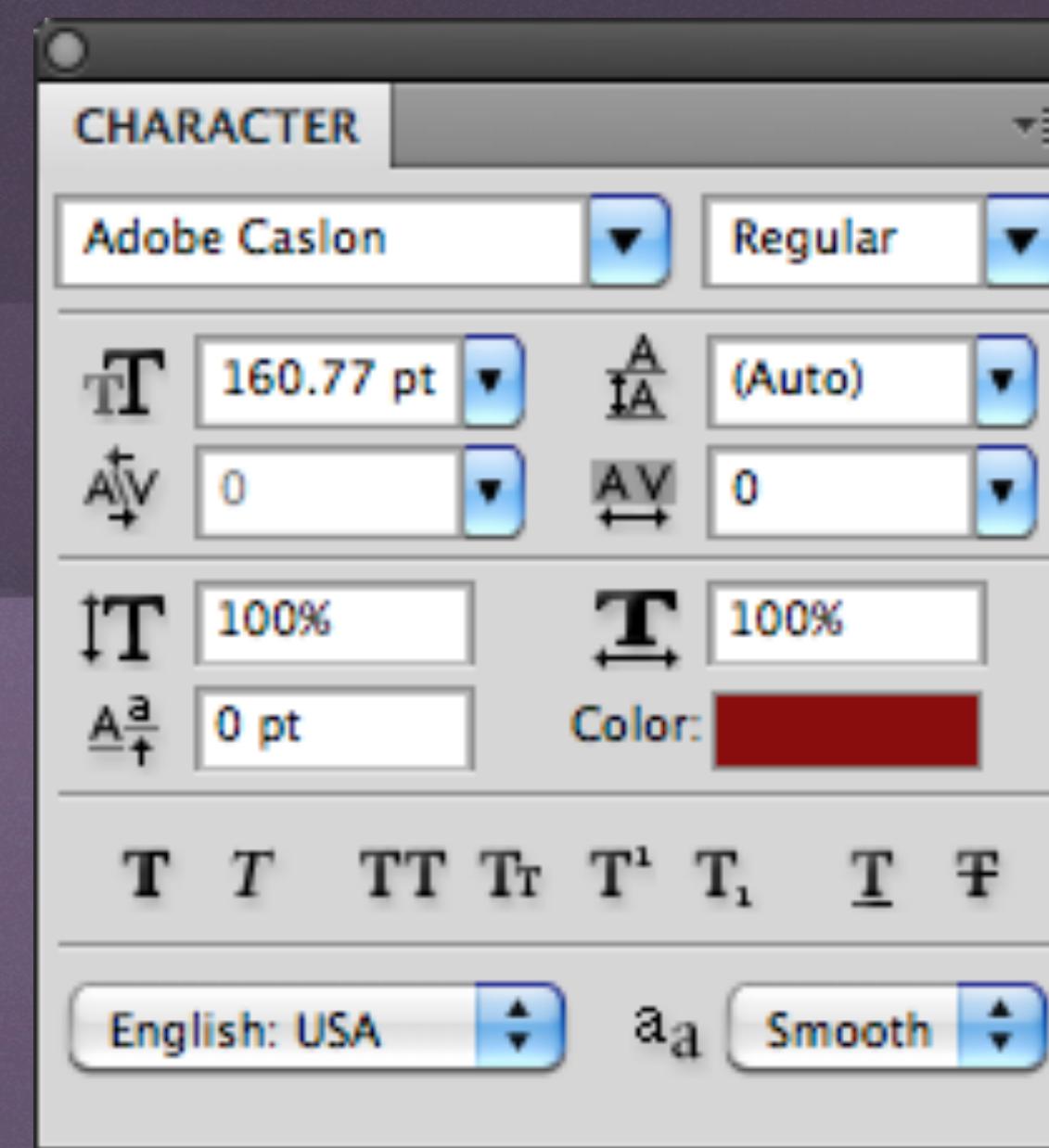
Z-ordering can be tricky and un-reliable

WEB PRESENTATION
Web Typography

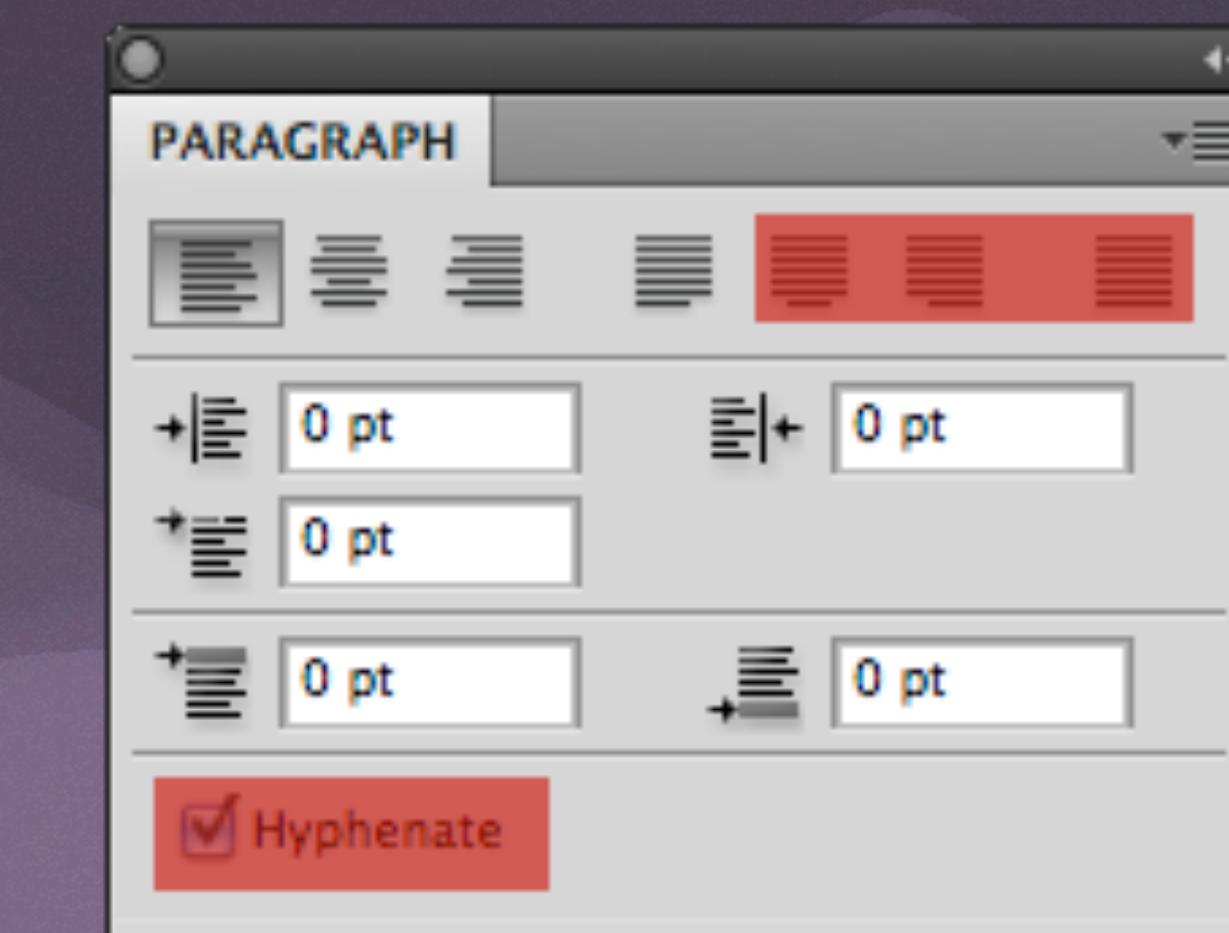
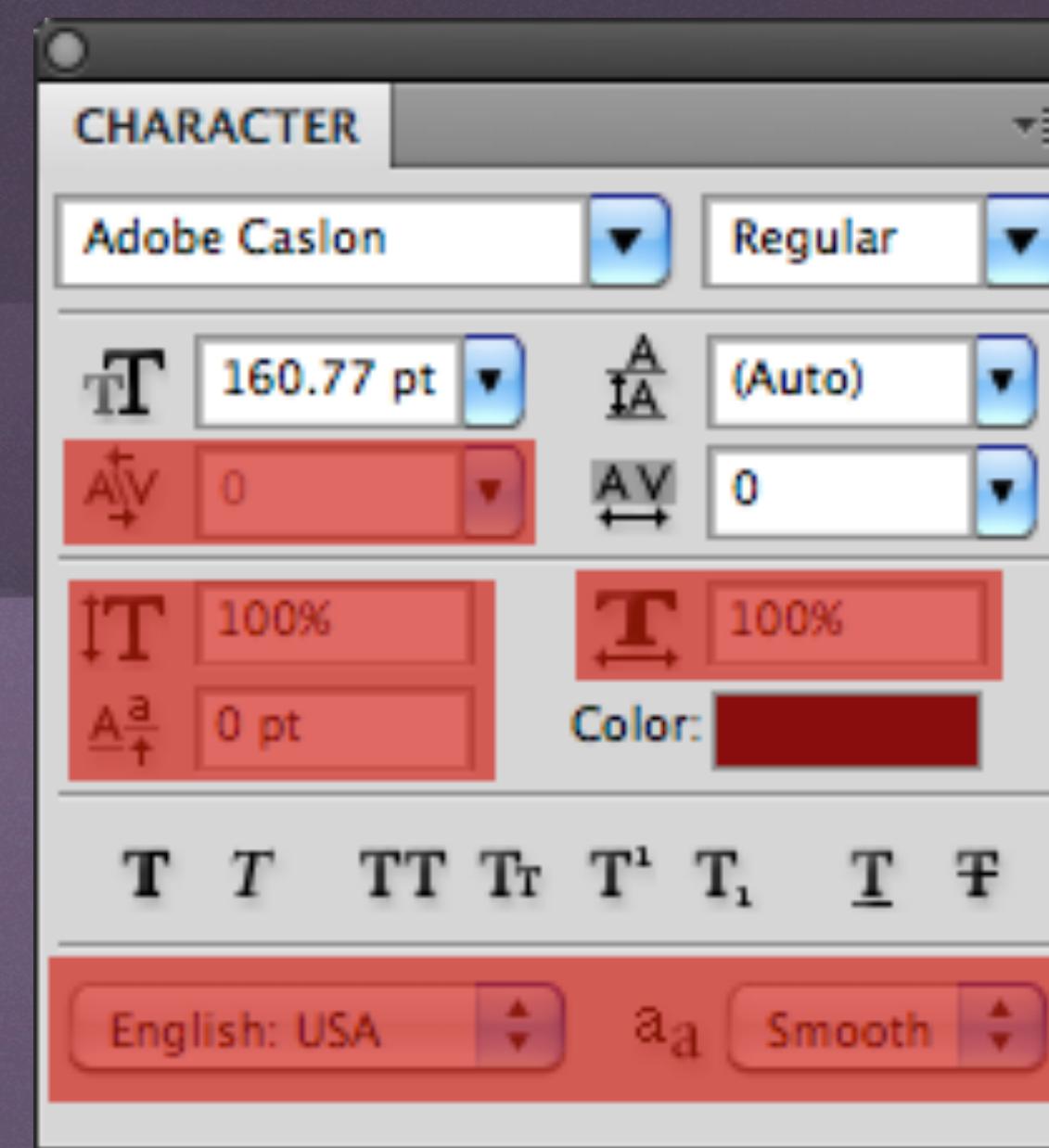
Things you can control

- Typeface & Type size
- Color (both foreground and background)
- Leading (line-height)
- Font weight & style
- Tracking (letter-spacing)
- Word spacing
- Character case (Uppercase, lowercase)
- Text shadow (blurred or not)
- Alignment

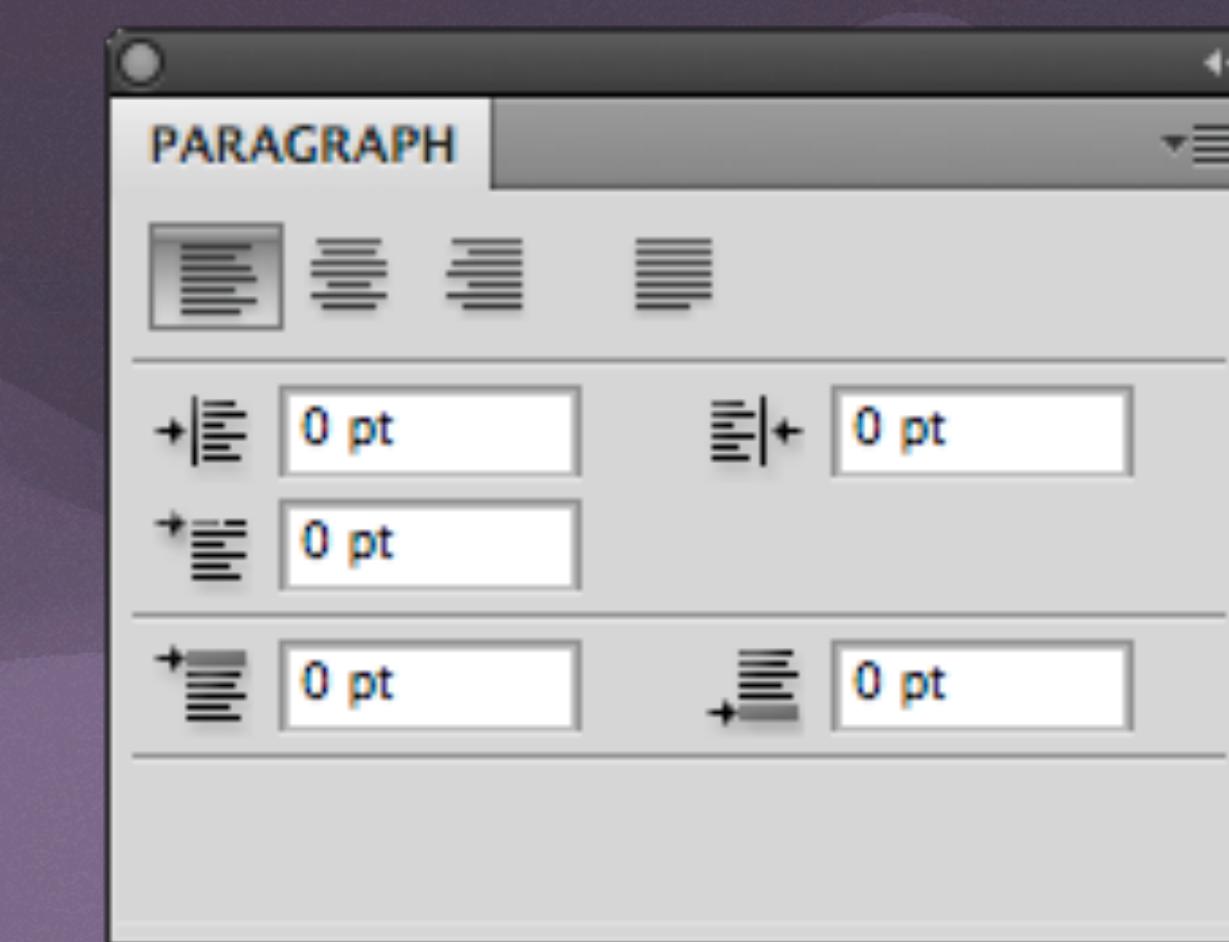
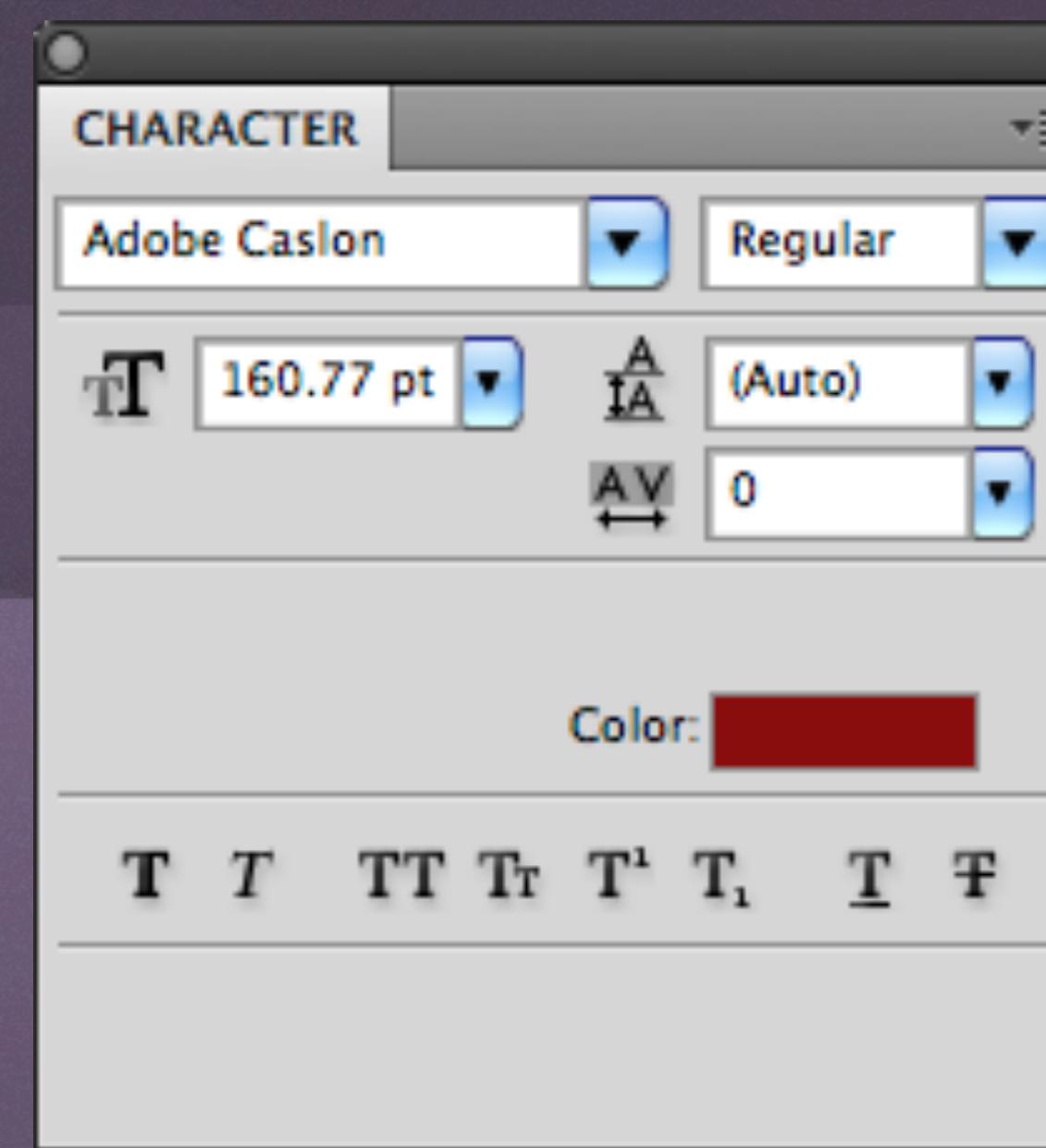
Photoshop Panels



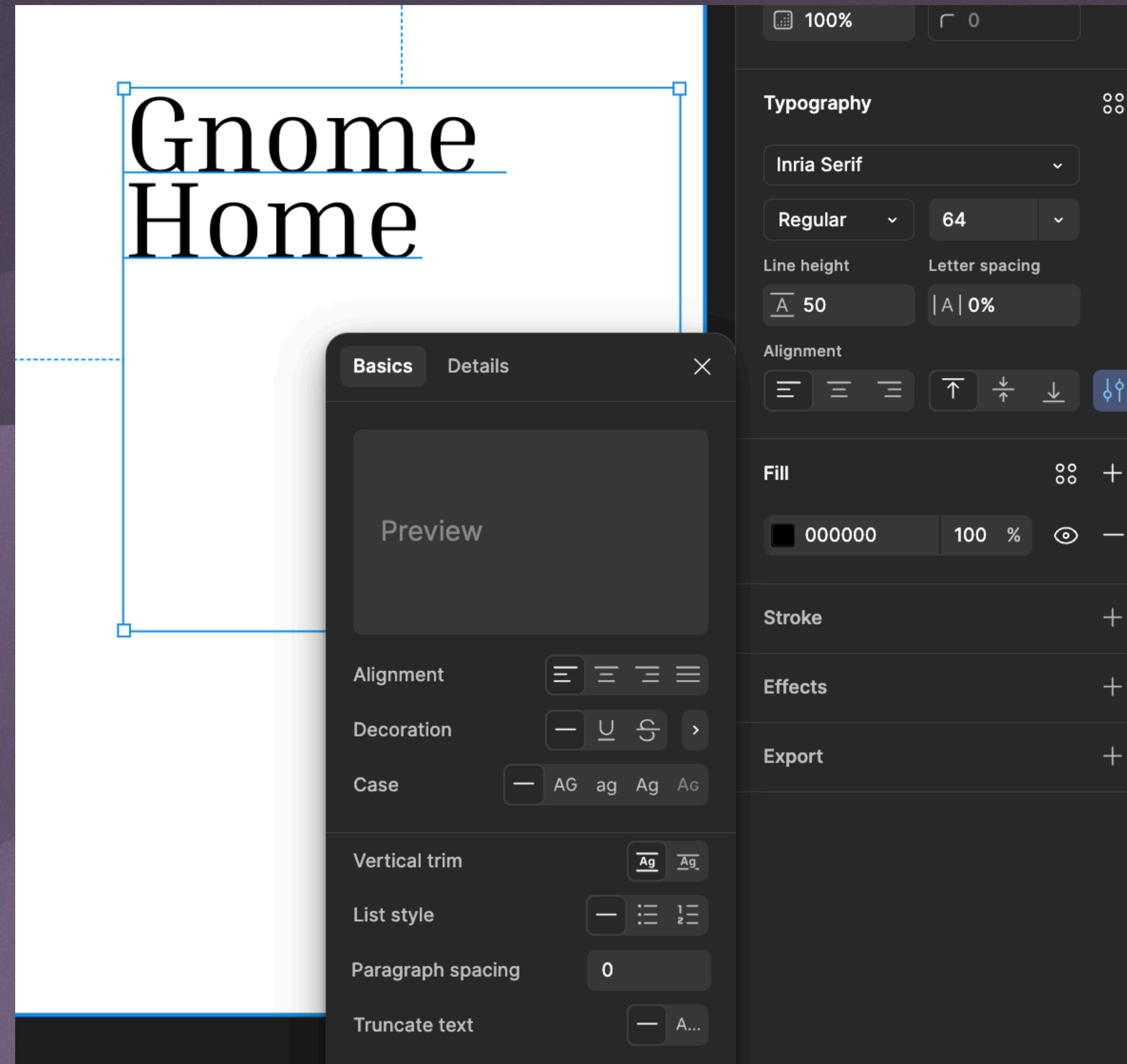
Photoshop Panels



Photoshop Panels



Figma Type Panels



WEB PRESENTATION

Select Presentation Options in Cascading Style Sheets

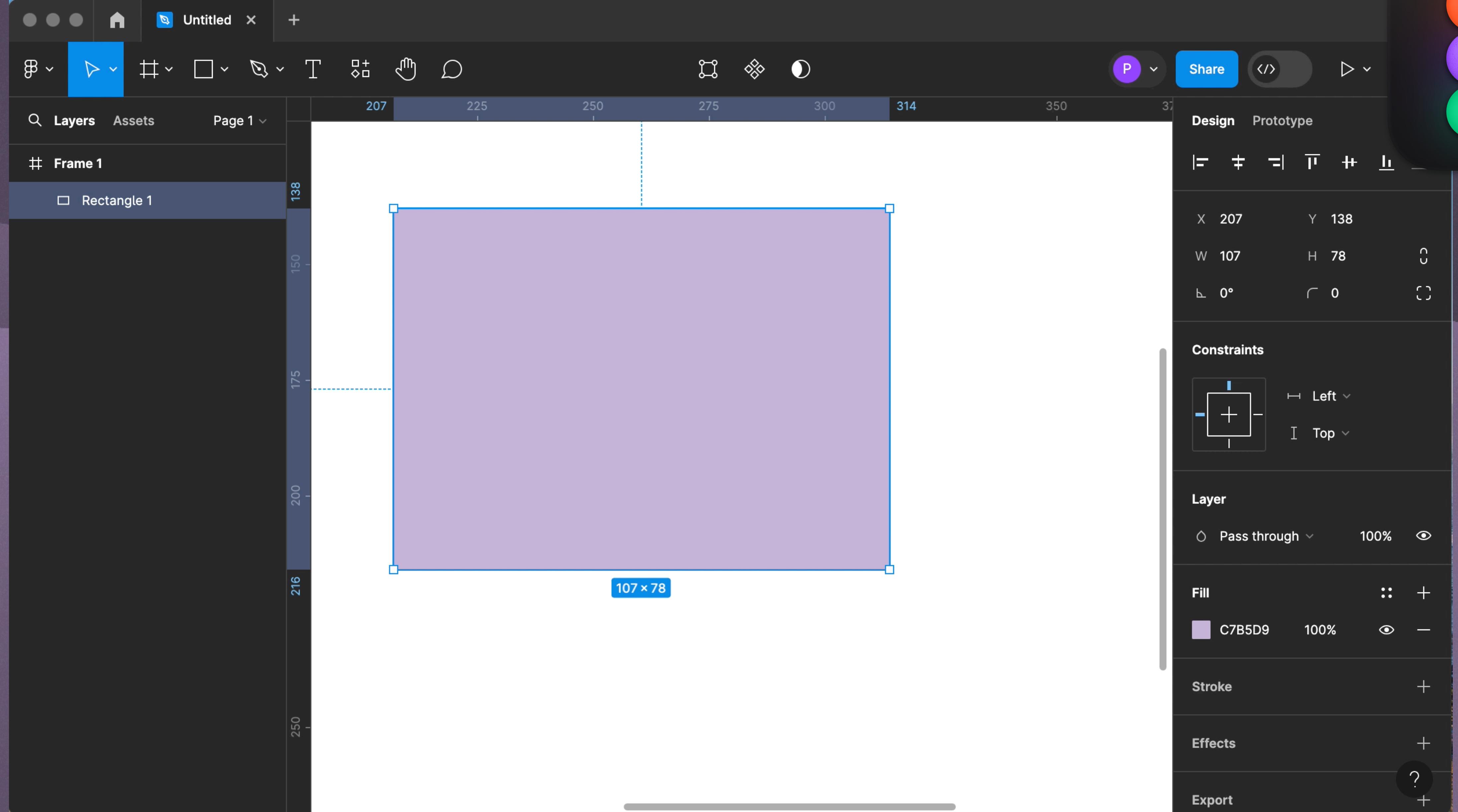
The Atom

 Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

 Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Et harumd und lookum like Greek to me, dereud facilis est er expedit.

border-radius: 32px;

Rounded Rectangle Borders



Court-Chemeketa 4th of July Kids Parade

http://courtchemeketa4thofjulyparade.com/

COURT-CHEMEKETA 4TH OF JULY KIDS PARADE

WHEN Monday July 4th, 2011 beginning at 11 AM.

WHERE The parade will start in the front yard of [1794 Court St.](#) and proceed up Court St. to 20th, then through McRae Park, down Chemeketa St. to 15th, finally returning up Court St.

WHO Court-Chemeketa neighbors, friends and family—everyone is invited to participate, watch and cheer!



Box Shadow

Kids Parade



Q Google

1

IEKETA
OF
.V

Untitled X +

Working with Frame... / Untitled

Layers Assets Page 1

Frame 1

T ABOUT US »

T LIVE JAZZ TONIGHT

☐ Night Music 1

— Rectangle 2

□ Rectangle 1

ABOUT US »

Design Prototype

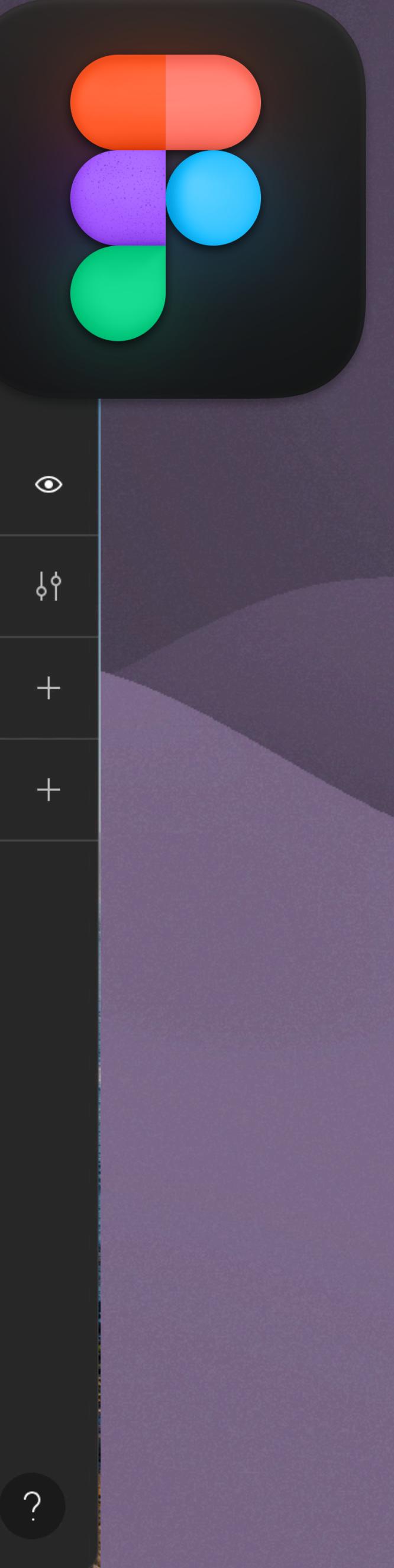
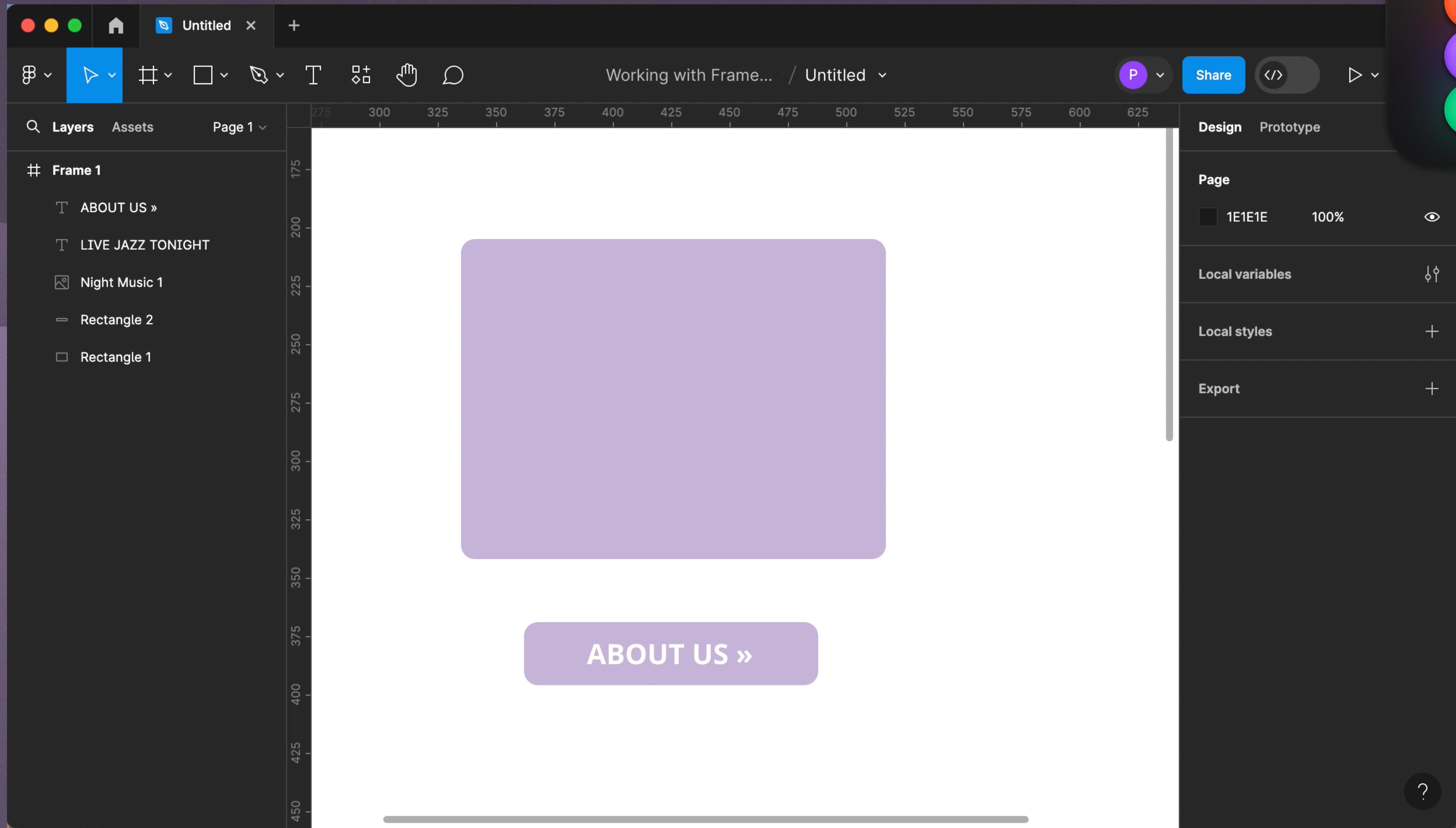
Page

1E1E1E 100% 

Local variables 

Local styles 

Export 



Untitled

Working with Frame... / Untitled

Design Prototype

Page

1E1E1E 100%

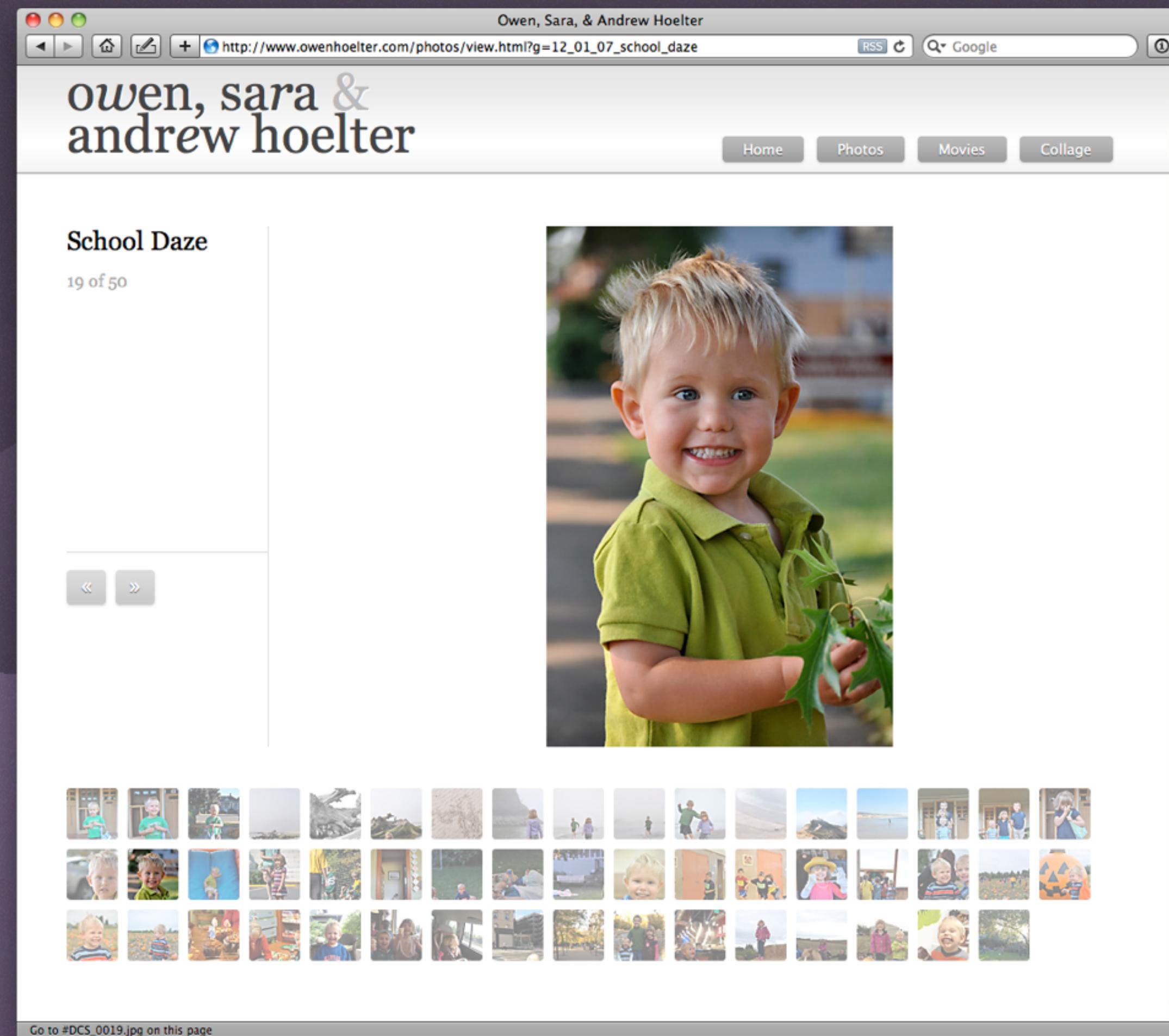
Local variables

Local styles

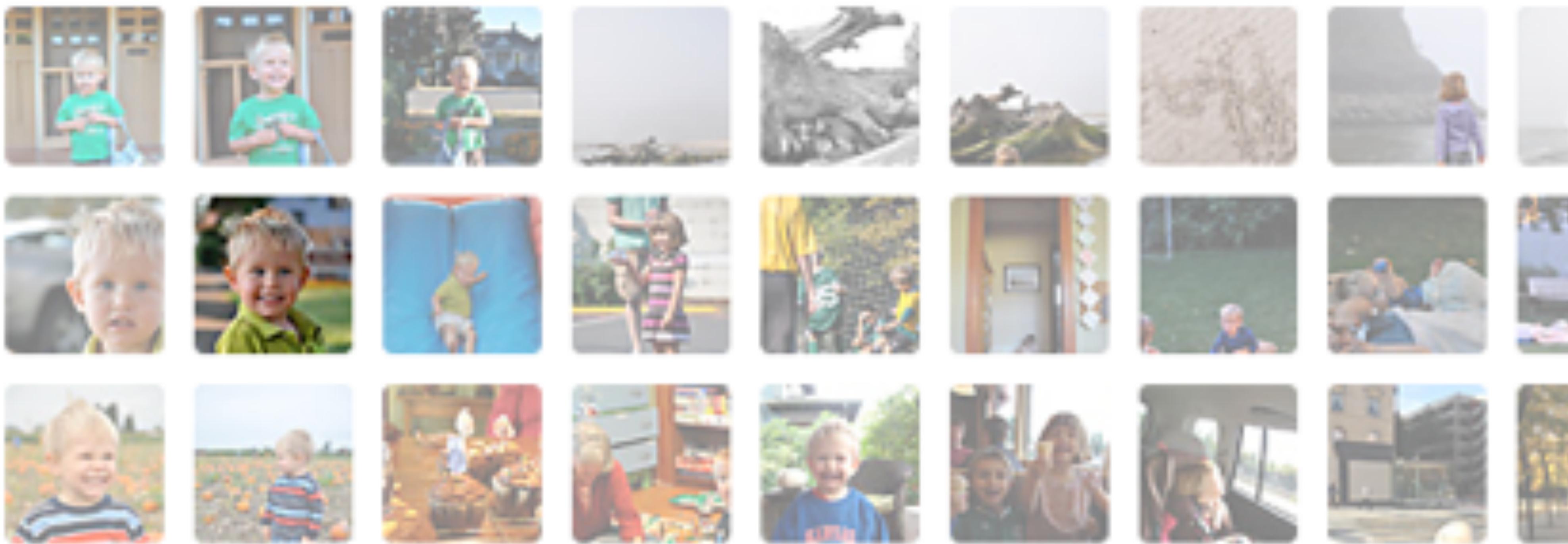
Export

?

The screenshot shows a Figma design interface with a dark theme. The top bar includes standard OS X window controls (red, yellow, green, close) and a title bar with the text 'Untitled' and a '+' icon. Below the title bar is a toolbar with various icons: a blue square, a triangle, a square, a circle, a text icon, a grid icon, a hand icon, and a speech bubble icon. The main workspace is titled 'Working with Frame...' and shows a document named 'Untitled'. The workspace contains a large purple rounded rectangle and a purple button with the text 'ABOUT US »' in white. The left sidebar is titled 'Frame 1' and lists the following components: 'ABOUT US »' (text), 'LIVE JAZZ TONIGHT' (text), 'Night Music 1' (checkbox), 'Rectangle 2' (minus icon), and 'Rectangle 1' (checkbox). The right sidebar is titled 'Design' and 'Prototype' and includes sections for 'Page' (color 1E1E1E, 100% zoom, eye icon), 'Local variables', 'Local styles', and 'Export'. A question mark icon is located in the bottom right corner of the sidebar.



Opacity



Go to #DCS_0019.jpg on this page

Opacity

Untitled X +

Working with Frame... / Untitled

P Share </> ▷

Layers Assets Page 1

Frame 1

- ABOUT US »
- LIVE JAZZ TONIGHT
- Night Music 1
- Rectangle 2
- Rectangle 1

275 300 325 350 375 400 425 450 475 500 525 550 575 600 625

175 200 225 250 275 300 325 350 375 400 425 450

Design Prototype

Page

| | | |
|-----------------|------|----------|
| 1E1E1E | 100% | eye icon |
| Local variables | | |
| Local styles | | |
| Export | | |

?

Visual Communications Program | Graphic Design, Interactive Media, Web Design, Photography, and Illustration
cccvc.com

Visual Communications

GRAPHIC DESIGN • INTERACTIVE MEDIA • VIDEO • PHOTOGRAPHY • WEB DESIGN • ILLUSTRATION

Chemeketa Community College

About VC Classes Student Work VC Voices How to Apply Career Paths Alumni Contact Blog

1 2 3 4 5 6 7 8 9 10

GRAPHIC DESIGN



BOOK JACKET COVERS
VC225 Intermediate Page Design

What is VC?

Visual Communications is a program at [Chemeketa Community College](#) in Salem, Oregon. We offer two degree tracks: An AAS in [Graphic Design](#), and in Graphic Design with an [Option in Interactive Media](#) (Web design, animation, and filmmaking). Have other questions? Follow the links below:

LATEST NEWS

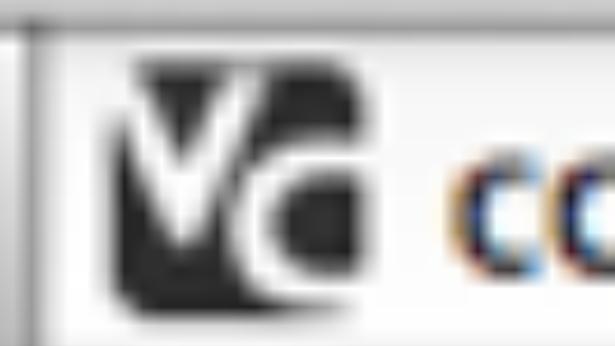
PNCA to Visit Chemeketa for Portfolio Reviews

JANUARY 7TH, 2014



Representatives from Pacific Northwest College of Art will be on the Chemeketa campus to conduct portfolio reviews. The reviews will take place on **Tuesday, January 21st from 1-3:00pm** in The Gretchen Shuette Art Gallery. A sign-up sheet is available in the art gallery.

Gradients



Visual C

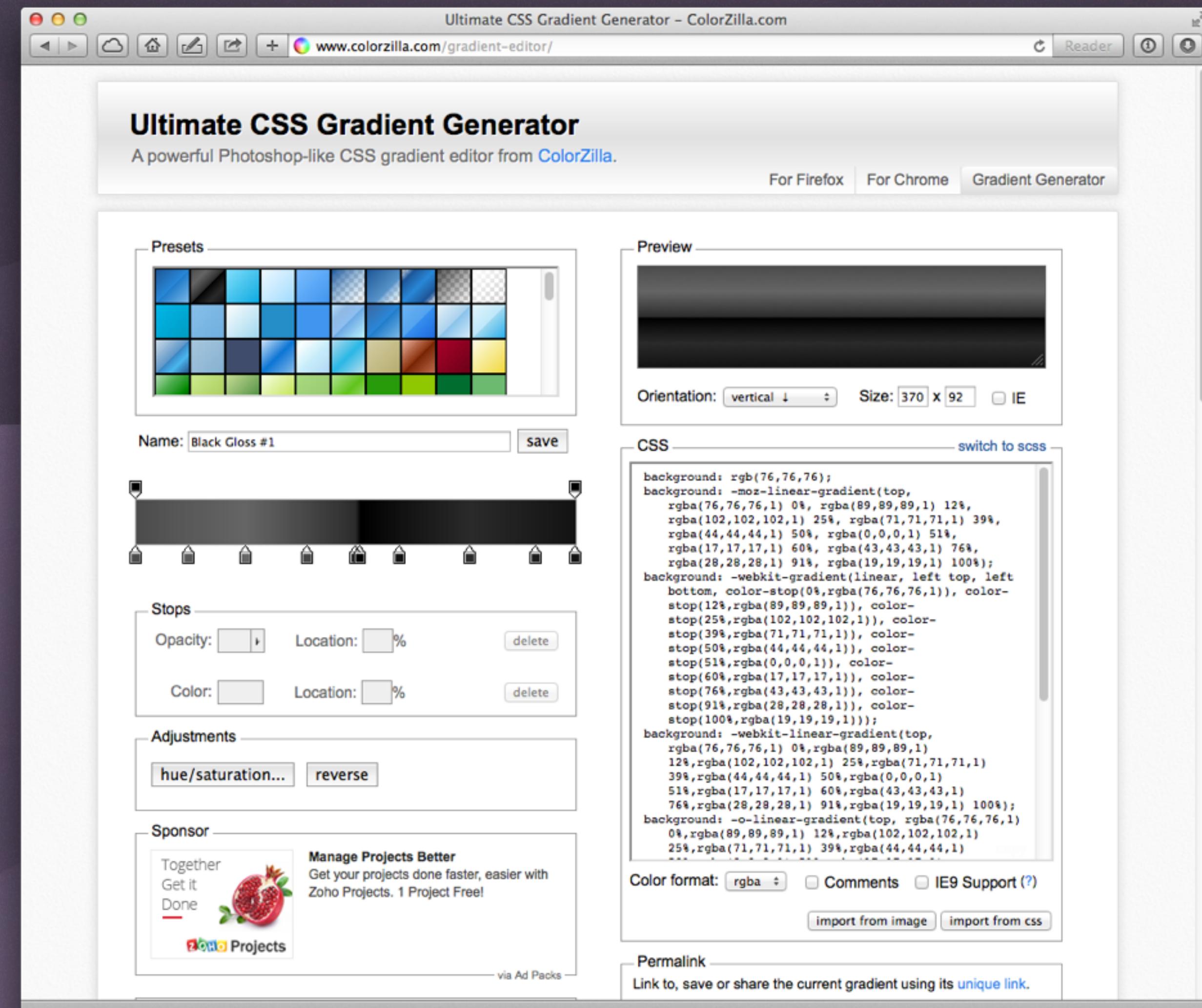
GRAPHIC DESIGN • INTERACTIVE M

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Ultimate CSS Gradient Generator



save

CSS

switch to scss

```
background: rgb(76,76,76);
background: -moz-linear-gradient(top,
    rgba(76,76,76,1) 0%, rgba(89,89,89,1) 12%,
    rgba(102,102,102,1) 25%, rgba(71,71,71,1) 39%,
    rgba(44,44,44,1) 50%, rgba(0,0,0,1) 51%,
    rgba(17,17,17,1) 60%, rgba(43,43,43,1) 76%,
    rgba(28,28,28,1) 91%, rgba(19,19,19,1) 100%);
background: -webkit-gradient(linear, left top, left
    bottom, color-stop(0%,rgba(76,76,76,1)), color-
    stop(12%,rgba(89,89,89,1)), color-
    stop(25%,rgba(102,102,102,1)), color-
    stop(39%,rgba(71,71,71,1)), color-
    stop(50%,rgba(44,44,44,1)), color-
    stop(51%,rgba(0,0,0,1)), color-
    stop(60%,rgba(17,17,17,1)), color-
    stop(76%,rgba(43,43,43,1)), color-
    stop(91%,rgba(28,28,28,1)), color-
    stop(100%,rgba(19,19,19,1)));
background: -webkit-linear-gradient(top,
    rgba(76,76,76,1) 0%,rgba(89,89,89,1)
    12%,rgba(102,102,102,1) 25%,rgba(71,71,71,1)
    39%,rgba(44,44,44,1) 50%,rgba(0,0,0,1)
    51%,rgba(17,17,17,1) 60%,rgba(43,43,43,1)
    76%,rgba(28,28,28,1) 91%,rgba(19,19,19,1) 100%);
background: -o-linear-gradient(top, rgba(76,76,76,1)
    0%,rgba(89,89,89,1) 12%,rgba(102,102,102,1)
    25%,rgba(71,71,71,1) 39%,rgba(44,44,44,1)
    50%,rgba(0,0,0,1) 51%,rgba(17,17,17,1) 60%,rgba(43,43,43,1)
    76%,rgba(28,28,28,1) 91%,rgba(19,19,19,1) 100%);
```

Color format: Comments IE9 Support (?)location: %

delete

location: %

delete

reverse

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A screenshot of a dark-themed user interface design tool, likely Figma, showing a design workspace and various panels.

Header: The top bar includes standard OS X-style window controls (red, yellow, green, close) and a title bar with "Untitled" and a "+" button. The main title "Working with Frame..." is displayed, along with a "P" icon and a "Share" button.

Toolbar: The top toolbar contains icons for selection, move, copy, paste, and various selection modes.

Layers Panel: The left sidebar shows the "Frame 1" layer structure:

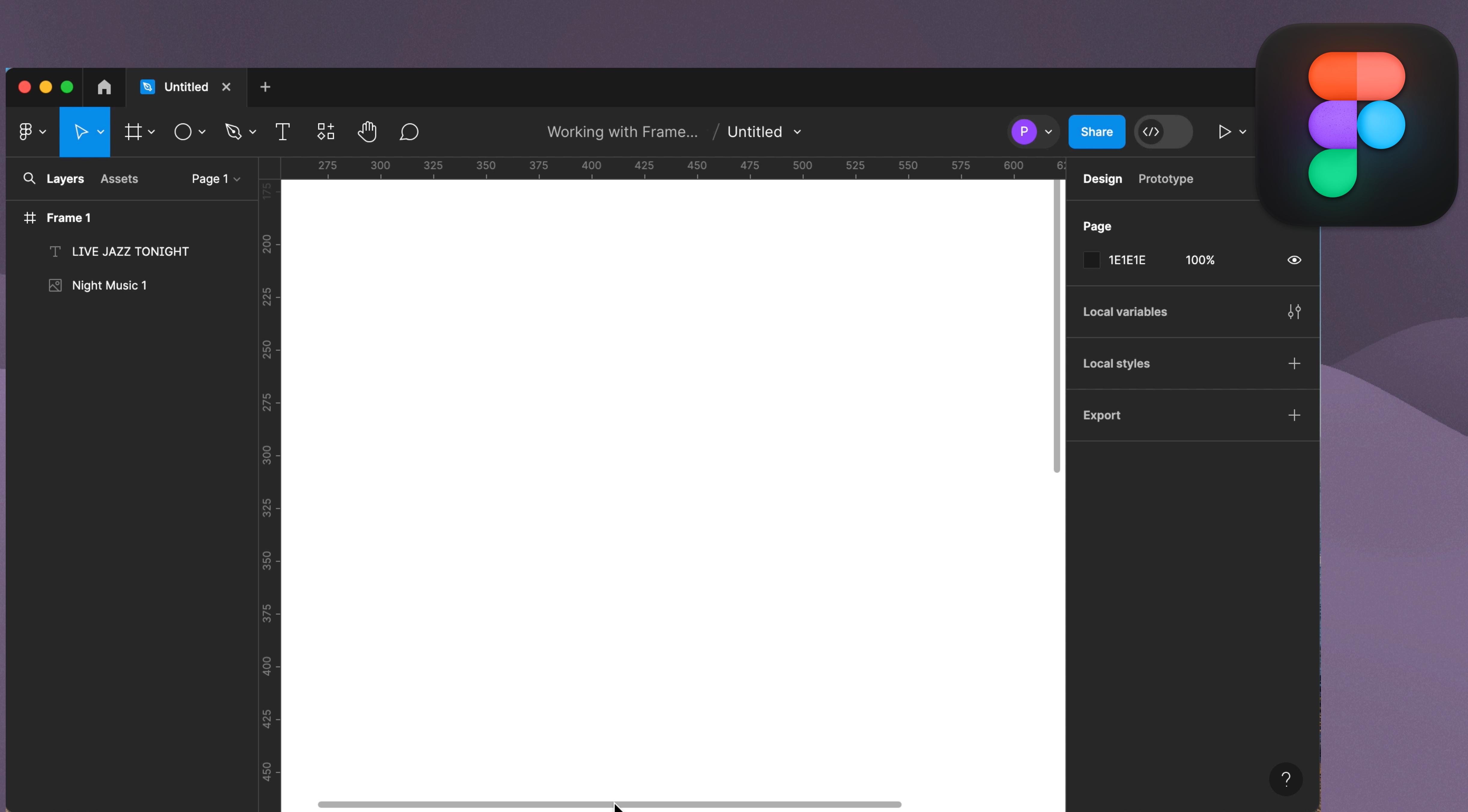
- ABOUT US » (Text)
- LIVE JAZZ TONIGHT (Text)
- Night Music 1 (Image)
- Rectangle 2 (Shape)
- Rectangle 1 (Shape)

Design View: The main workspace shows a large purple rounded rectangle with a white "ABOUT US »" button centered on it. The button has a purple gradient background and a white sans-serif font. The background of the workspace is white with a light gray grid.

Right Panel: The right sidebar includes:

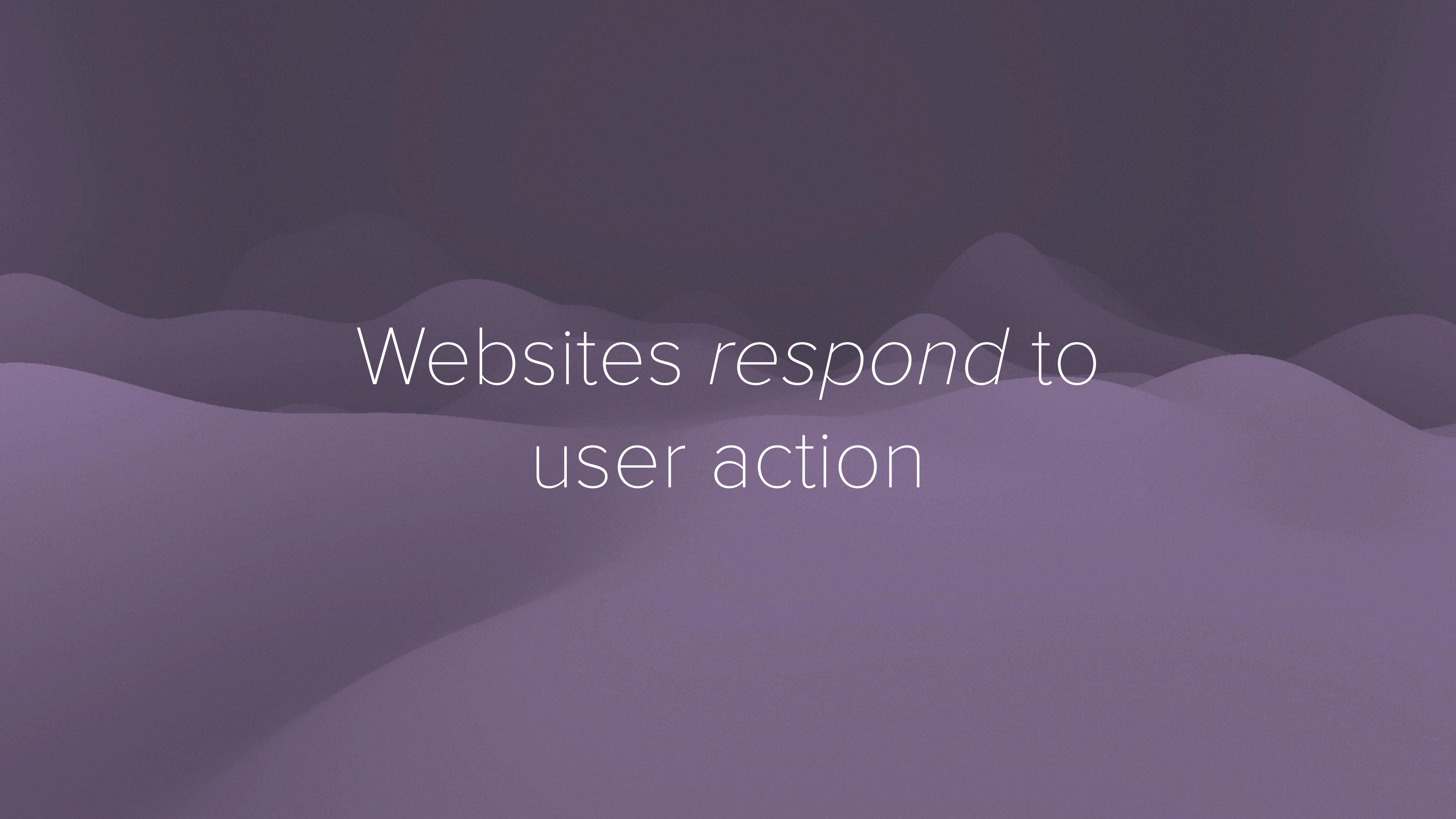
- Design** tab (selected)
- Prototype** tab
- Page** section: A color swatch (1E1E1E), a 100% scale indicator, and an eye icon.
- Local variables** section
- Local styles** section
- Export** section

Bottom Right: A circular help icon with a question mark.





WEB PRESENTATION Interactivity

The background of the slide features a dark purple gradient. Overlaid on this are several wavy, translucent purple lines of varying shades, creating a sense of depth and movement.

*Websites respond to
user action*

Interactivity & Animations

- :hover changes (mouse)
- :active changes (touch)
- Transitions
- Animations



Interactivity & Animations

Button v5.3.0

