

# week::four

## Grids in CSS Systems & Design Resources

### Grid in Web Design

#### Benefits

- Grids add order, continuity, and harmony to the presentation of information on frequently high-density web pages.
- Grids help users predict where to find information from page to page or from behavioral state to behavioral state, which aids in the communication of that information.
- Grids make it easier to add new content to a website in a manner consistent with the overall vision of the original website.
- Grids facilitate collaboration on the design of a single website without compromising the overall vision of that website.
- “A user feels the grid, then he uses it.”
  - Source: Ordering Disorder: Grid Principles for Web Design (Khoi Vinh)



### Grid Systems in CSS

#### Flexbox

- One-dimensional grid for basic columnar layout.
- VC Website — <http://chemeketa.vc>

visual  
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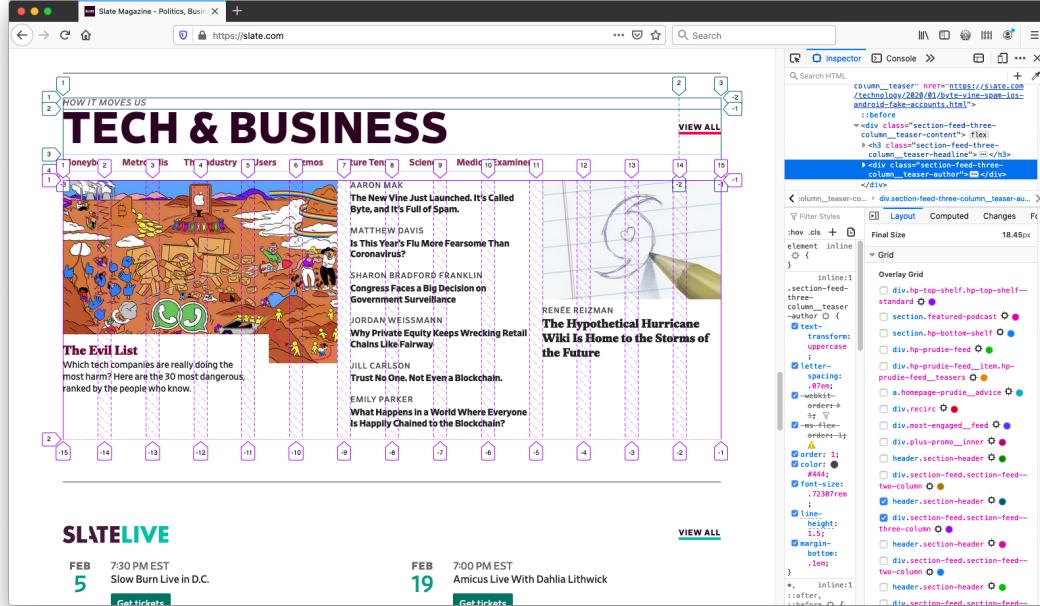
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## CSS Grid

- Two-dimensional grid system for CSS layout (columns & rows)
- *Slate Magazine* – <https://slate.com>
- *Washington Post* – <https://washingtonpost.com>
- *View these websites in Firefox or Safari, and reveal the grids using the Web Inspector.*



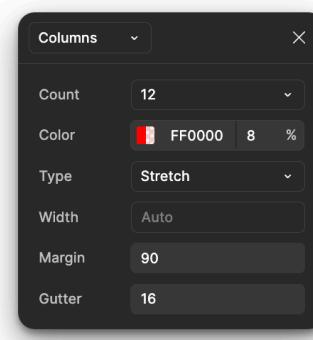
## Grid System Resources for Design Apps

### Grid Calculators

- *Gridulator* – <http://gridulator.com>
- *Grid Calculator* – <http://gridcalculator.dk>

### Grids in Figma

- Grid options are under *Layout grid*
- In this class we'll primarily use the *Columns* option.
  - Other options are *Grid* and *Row*
- Grid can vary from Frame-to-Frame
- Can be saved as a Style for quick application to other Frames.
- Options include:
  - Number of columns
  - Gutter Width
  - Column Width
  - Margins (top/bottom/left/right, or all the same [shown])



### Photoshop (older systems)

- These are older systems but are interesting to study as reference.
- *960 Grid System* – <https://960.gs>
- *960GS Demo Grid* – <https://960.gs/demo.html>