

# exercise::11

## Applying CSS to Type

### Overview ::

Using the provided resource files, style the `mitosis.html` file to look like the provided example as closely as possible (`Example_Layout.png`). The file has only HTML structural formatting applied—your job is to style the page using CSS rules and properties.

Do not alter the HTML at all—all formatting can and must be done using CSS within the stylesheet located in `common/css/styles.css`.

### Process ::

To begin, download a copy of the exercise resources from the class website. Copy this folder to your class folder on your home computer, and rename the folder using your name in the following format: `lastname_firstname_11`.

For this exercise, use CSS formatting options in conjunction with the tag and compound styles discussed in class. Focus on first altering the appearance of the **Tags** in the page. Then, after you have formatted all of the tags in the document, create **Descendant** rules to style specific elements of the design.

### Specifications ::

- Use the provided HTML file as your starting point. For the CSS, just a few properties are completed for you.
- Do **NOT** edit the HTML within the `<body>` element. Just use CSS to alter the appearance of the Web page.
- **External Styles**—Create all of your styles within the linked, external stylesheet in `common/css/styles.css`.
- Font Lists used: *Helvetica*, *Georgia* and *Alfa Slab One*.
  - **Helvetica** is an incredibly popular typeface with its own documentary film about. It is available on most computers, but many will need to fall back onto the typeface **Arial**.
  - **Georgia** is a widely-installed typeface; use the full, proper traditional **Font List**. This typeface is used only in the main headline (“Mitosis”).
  - **Alfa Slab One** is available through Google Fonts. Visit the Google Fonts website and learn how to embed the typeface into your page.
- Page background image code is provided, as well as code to align the image to the right.
- **Colors:**

Text color:	#333
Purple color:	rgba(102, 74, 155, 1)
White:	white
Unordered list and italic ( <code>&lt;em&gt;</code> ) text color:	rgba(0, 52, 153, 1);
Link color	#900

- If you can't figure something out, or don't know what is possible, look it up on the Web.
- You do not need to specify nor worry about the width of the page.

**CSS Properties ::**

Use the following CSS properties when styling the exercise HTML file. If you have questions about a specific property, use the Web to research what is possible with each one. Here are two sources:

- **CSS-Tricks Almanac of Properties:** <https://css-tricks.com/almanac/>
- **Mozilla Developer Docs:** <https://developer.mozilla.org/en-US/docs/Web/CSS>

font-family:	background-color:	text-decoration:
font-size:	color:	text-align:
font-weight:	text-transform:	letter-spacing:
font-style:	border-radius:	line-height:

**Requirements ::**

When done, copy that file to your shared Drop Box on Google Drive for this class. This exercise is due by the end of class today.

**Completed Design Example ::**

The screenshot shows a web browser window with the address bar displaying a local file path. The page content includes a main title 'MITOSIS', a purple header for the 'OVERVIEW' section, and a paragraph of text describing the process of mitosis. A small image of a cell is visible on the right side of the overview section. Below the overview, there is a quote box with text about the origin of the word 'mitosis'. At the bottom, there is a purple header for the 'PHASES OF CELL CYCLE AND MITOSIS' section, followed by a bulleted list of phases: Interphase, Preprophase, Prophase, Prometaphase, Metaphase, Anaphase, Telophase, and Cytokinesis. The source is cited as <http://en.wikipedia.org/wiki/Mitosis>.