Advanced CSS Styling

Review

- In-line, internal, external css
- Css ids and classes
- Using a Div to style a page

CSS Selectors

We learned class and id selectors but there are multiple ways you can select HTML elements on your page. They include:

- Class - .
- ID - #
- Element name - input, p, h1, etc…..
- Pseudo Selectors (will cover in next slide)
- There are ways to use selectors but they get INSANELY complicated
    - https://www.w3schools.com/cssref/css_selectors.php

CSS Pseudo Selectors

Pseudo Selectors are selected typically when someone is interacting with your page. You use them by typing the selector, a colon, and the selector action

```
#input-box:hover {

        background-color: yellow;

}

#input-box:focus {

        width: 100%;

}
```

Background Images

There are multiple properties you can set when using a background image. Below are some of the most common properties you will use

```css
background-image: url("URL OR PATH TO IMAGE");

 background-color: #ccc111;

background-repeat: no-repeat;

background-position: center;

background-size: auto;

background-size: 800px 800px;
```
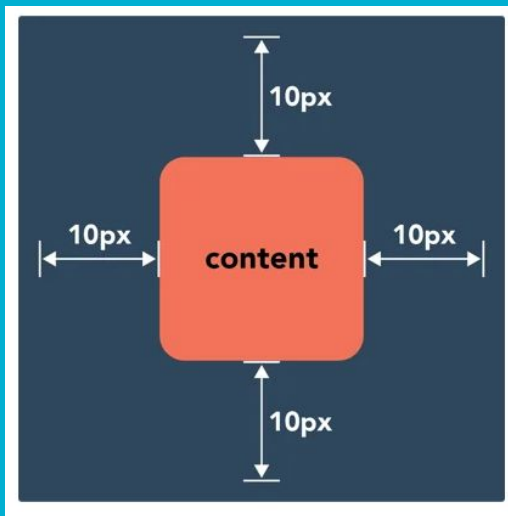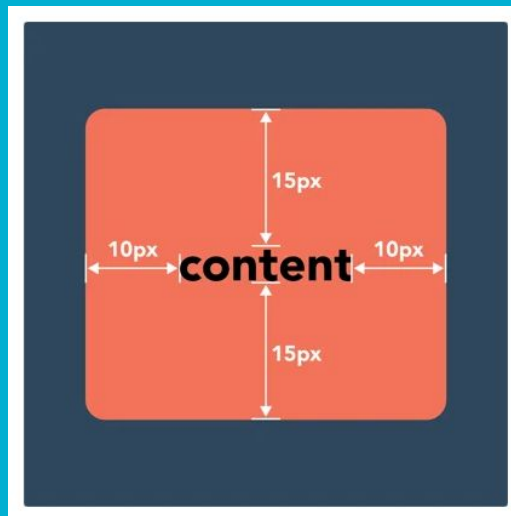
PX vs % - AKA absolute vs relative

- px indicates pixels. Typically px is used when needing things to be an exact size. Note px does not scale well when things are resized. px is an absolute length
- % is more widely used to create scalable web pages. % works by taking the full width or height of the container it is in an scaling accordingly. % is relative length

Margins and Padding

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Margin

Padding

Max and Min Height/Width

- Max-Width or Max-Height indicates the maximum width or height an element can be
  - `max-width: 500px;`
- Min-Width or Min-Height indicates the minimum width or height an element can be
  - `min-width: 50px;`

CSS Input

There are many MANY things you can do to inputs on a webpage

- Height: Set height or width of an input
- Width: Set background color of an input
- Border: Sets the border size around the input
- Border-radius: Rounds the edges of an input

Applying CSS Styles to your page

There are a millions of CSS styles already created that you can apply to your page. Let's practice applying a button style to our page

https://www.w3schools.com/css/css3_buttons.asp