CSS 101

What is CSS

Cascading Style Sheets

It makes things look good

Tools

Text editor (not Word!!)

Browser

CSS validator

Responsive design

One HTML document for many devices

CSS media queries

Basic structure

```
selector(s) {
   property-name: value;
p,
#footer,
.call-to-action a {
   background-color: #990;
    font-weight: bold;
```

Properties

almost 200!!

main categories:

- text styling
- background and border
- sizing
- margin and padding
- placement
- many more!!

Styling text

```
color: #ffcc01;

font-family: Arial;

font-weight: bold;

font-size: 1.4rem;
```

Sizing fonts

Fonts and line-height relative

Don't use pixels, points

Do use:

- rem (or em)
- decimal
- percentage

Background and border

```
div {
   background-color: #f46524;
   border: 4px solid black;
}
```

Display

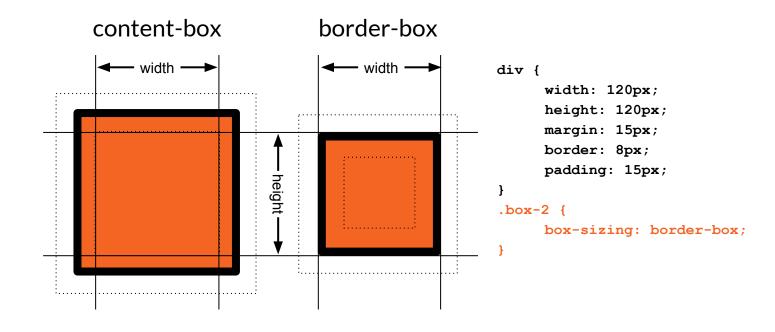
width, height, border, padding the same

```
display: block;

display: inline; followed by display: inline-block; and more

text after that. Notice that the text wraps to a new page below the tallest thing in the line.
```

Box sizing



Size

```
div {
    width: 330px;
    height: 100px;
}
```

Margin and padding

```
div {
    margin: 30px;
    padding: 20px 35px 20px 0;
}

Once upon a time
    margin
    padding
```

Types of selectors

element (WORST!) h1

class (BEST!) .btn-primary

id (GOOD TOO) #shippingAddress

attribute (NEXT BEST) [data-type="carousel"]

pseudo :hover

Chaining selectors

Descendant div p

Child div > p

Adjacent sibling div + p

General sibling div ~ p

Chaining rules-of-thumb

parses right to left

no more than two per chain

less specificity = less trouble

time for a new class?

Descendant selector ()



Descendant selector

- div strong
- p strong

Child selector (>)



#doll-1 + .doll

Child selector

p > strong

Adjacent sibling selector (+)



Adjacent sibling selector

```
< viv >
    Mary had a little <strong>lamb</strong>.
    It's fleece was <strong>white</strong> as snow.
</div>
<div>
    And every where that <strong>Mary</strong> went
    The <strong>lamb</strong> was sure to go.
</div>
<div>
    <button>More
</div>
• div + div
p + p strong
```

General sibling selector (~)



General sibling selector

- .bar ~ .foo
- (following siblings)