

# GETTING STARTED WITH CSS

lecture 3

WHAT IS CSS

# CASCADE

html\_course.html

css\_course.css

```
1  p {  
2    background: orange;  
3    font-size: 24px;  
4  }  
5  p {  
6    background: green;  
7  }  
8
```

# CASCADING PROPERTIES

```
html_course.html  css_course.css
1  p {
2     background: orange;
3     background: green;
4 }
```

# SPECIFY

**1,000**

inline style

**100**

ID

**10**

class

attribute

pseudo-  
class

**1**

element

pseudo-  
element

# EXAMPLE

html\_course.html

css\_course.css

```
1 <p id="food">...</p>
```

html\_course.html

css\_course.css

```
1 #food {  
2     background: green;  
3 }  
4 p {  
5     background: orange;  
6 }
```

# Combining selectors

## HTML

```
1 <div class="hotdog">
2   <p>...</p>
3   <p>...</p>
4   <p class="mustard">...</p>
5 </div>
```

## CSS

```
1 .hotdog p {
2   background: brown;
3 }
4 .hotdog p.mustard {
5   background: yellow;
6 }
```

# LAYERING STYLES WITH MULTIPLE CLASSES

## HTML

```
1 <a class="btn btn-danger">...</a>  
2 <a class="btn btn-success">...</a>
```

## CSS

```
1 .btn {  
2   font-size: 16px;  
3 }  
4 .btn-danger {  
5   background: red;  
6 }  
7 .btn-success {  
8   background: green;  
9 }
```

# COMMON CSS PROPERTY VALUES

## COLOR

Color	Name	Hex Values	RGB Values	HSL Values
	black	#000000	rgb(0, 0, 0)	hsl(0, 0%, 0%)
	silver	#c0c0c0	rgb(192, 192, 192)	hsl(0, 0%, 75%)
	gray	#808080	rgb(128, 128, 128)	hsl(0, 0%, 50%)
	white	#ffffff	rgb(255, 255, 255)	hsl(0, 100%, 100%)
	maroon	#800000	rgb(128, 0, 0)	hsl(0, 100%, 25%)
	red	#ff0000	rgb(255, 0, 0)	hsl(0, 100%, 50%)
	purple	#800080	rgb(128, 0, 128)	hsl(300, 100%, 25%)
	fuchsia	#ff00ff	rgb(255, 0, 255)	hsl(300, 100%, 50%)
	green	#008000	rgb(0, 128, 0)	hsl(120, 100%, 25%)
	olive	#808000	rgb(0, 255, 0)	hsl(120, 100%, 50%)
	lime	#00ff00	rgb(128, 128, 0)	hsl(60, 100%, 25%)
	yellow	#ffff00	rgb(255, 255, 0)	hsl(60, 100%, 50%)

# COMMON CSS PROPERTY VALUES

## Length

	<code>body { font-size: 100%; }</code>	<code>body { font-size: 120%; }</code>
<code>font-size: 1em</code>	The quick brown fox	<b>The quick brown</b>
<code>font-size: 12pt</code>	The quick brown fox	The quick brown fox
<code>font-size: 16px</code>	The quick brown fox	The quick brown fox
<code>font-size: 100%</code>	The quick brown fox	<b>The quick brown</b>