

CSS
Make HTML pretty

ITI-F20

SDU Robotics
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Agenda



- ▶ Selectors
- ▶ Box Model
- ▶ Block Types and Position

Selection

Elements, Class and Id



```
1 <nav class="menu">
2   <ul>
3     <li> <a href="#">Pictures</a></li>
4     <li> <a href="#">Users</a></li>
5   </ul>
6 </nav>
7 <div class="wrapper">
8   <div class="content">
9     <div class="user" id="UserAdmin">
10      User dude thing
11    </div><div class="user" id="Pleb">
12      User dude thing
13    </div>
14  </div>
15 </div>
```

Selection

Elements, Class and Id



```
1  Element.Class#Id {
2      color: black;
3  }
4
5  .user {
6      background-color: #c1c1c1;
7  }
8  .user#UserAdmin {
9      background-color: #aaaaaa;
10 }
11 a:hover {
12     color: lightblue;
13 }
```

```
1  <nav class="menu">
2      <ul>
3          <li> <a href="#">Pictures</a></li>
4          <li> <a href="#">Users</a></li>
5      </ul>
6  </nav>
7  <div class="wrapper">
8      <div class="content">
9          <div class="user" id="UserAdmin">
10             User dude thing
11          </div><div class="user" id="Pleb">
12             User dude thing
13          </div>
14      </div>
15  </div>
```

Specificity

You get a point and you get a point, everybody gets a point



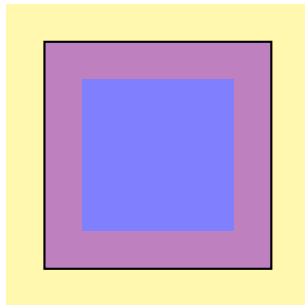
Selector	Specificity	Specificity in base 10
<code>!important p{}</code>	1,0,0,0,1	10001
<code>Style=""</code>	0,1,0,0,0	1000
<code>#wrapper #content {}</code>	0,0,2,0,0	200
<code>#content .datePosted {}</code>	0,0,1,1,0	110
<code>div#content {}</code>	0,0,1,0,1	101
<code>#content {}</code>	0,0,1,0,0	100
<code>p.comment .dateposted {}</code>	0,0,0,2,1	21
<code>p.comment {}</code>	0,0,0,1,1	11
<code>div p {}</code>	0,0,0,0,2	2
<code>p {}</code>	0,0,0,0,1	1

Box Model

Margin, Borders and Padding



```
1 Element.Class#Id {  
2   margin-top: 2px;  
3   border: 1px solid;  
4   padding: 2px;  
5 }
```



Block types and Position

Blocks, Inline-blocks & Inline



```
1 li {  
2   display: block;  
3   text-align: center;  
4   padding: 5px;  
5 }
```

Pictures

Users

Block types and Position

Blocks, Inline-blocks & Inline



```
1  li {  
2    display: inline-block;  
3    text-align: center;  
4    padding: 5px;  
5  }
```

Pictures Users

Block types and Position

Blocks, Inline-blocks & Inline



```
1 li {  
2   display: inline;  
3   text-align: center;  
4   padding: 5px;  
5 }
```

[Pictures](#) [Users](#)