

Introduction to CSS

Doyle & Quiambao | Lecture 2

*lecture adapted from John Driscoll

What is CSS?

HTML: Cascading Style Sheets

External style sheet

Separates content (HTML) from presentation (CSS)

Styles web content

Creates easier and cleaner code

Linking CSS Sheet to HTML Page

HTML Code:

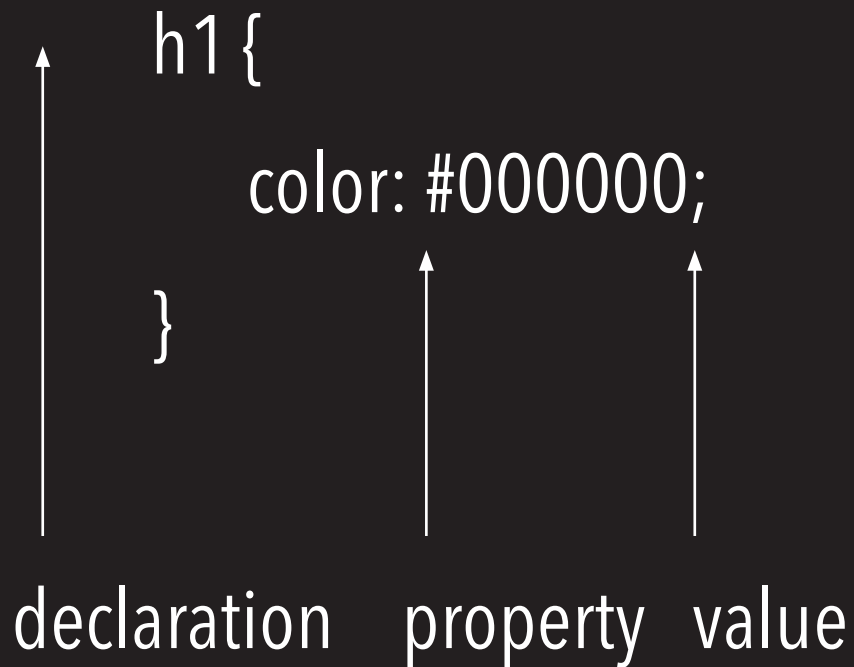
```
<head>
```

```
<link rel= "stylesheet" href= "main.css">
```

```
</head>
```

```
<body>
```

CSS Syntax



```
h1 {  
  color: #000000;  
}
```

The diagram shows a CSS rule with three vertical arrows pointing from labels below to parts of the code above. The first arrow points from 'declaration' to 'h1 {'. The second arrow points from 'property' to 'color:'. The third arrow points from 'value' to '#000000;'. The closing brace '}' is not pointed to by any arrow.

declaration property value

declaration: which element or HTML tag you are referring to.

property: what specific thing you are addressing in the tag.

value: what your element will actually look like.

What Can CSS Be Used For?

Background of webpage

Borders of elements

Typography

Positioning of elements

Lists

Padding

Examples of CSS Code

```
1 html{
2   background:url(resources.jpg) center center fixed;
3   background-size: cover;
4 }
5
6 #head li{
7   list-style-type: none;
8   display: inline;
9   font-family:verdana;
10  font-size: 15px;
11  text-align: center;
12  margin-right:40px;
13 }
14
15 #head a:link {
16   text-decoration: none;
17   color: white;
18 }
19
20 #head a:visited {
21   color: white;
22   text-decoration: none;
23 }
24
25 #head a:hover {
26   color: yellow;
```

```
27   text-decoration: underline;
28 }
29
30 h1 {
31   font-family:verdana;
32   color:white;
33   text-align:left;
34   font-size:50px;
35   margin-top:30px;
36   margin-left:40px;
37 }
38 #head {
39   font-family: verdana;
40   color: white;
41   padding-top: 250px;
42   text-align: center;
43 }
44
45 #first {
46   font-family:verdana;
47   margin-left: 40px;
48   color:white;
49   text-align:left;
50   font-size: 18px;
51   padding-top: 20px;
52 }
```

More Resources

More resources can be found on our class website!