

CSS Types of Selectors

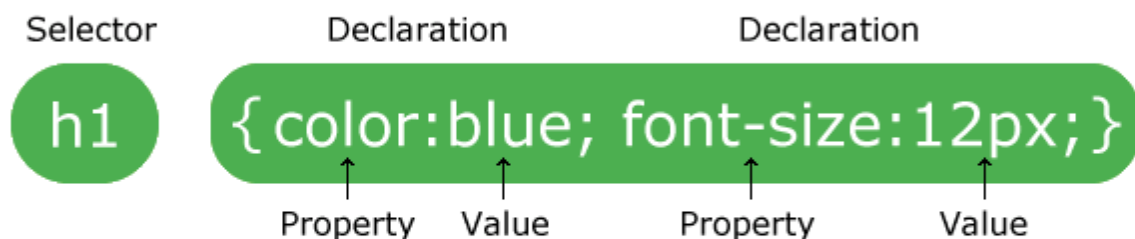
Lesson Objectives

- REVIEW: Internal CSS Syntax
- CSS Types of Selectors
 - element Selector
 - #id Selector
 - .class Selector

CSS Syntax

CSS Syntax

A CSS rule-set consists of a selector and a declaration block:



The selector points to the HTML element you want to style.

The declaration block contains one or more declarations separated by semicolons.

Each declaration includes a CSS property name and a value, separated by a colon.

A CSS declaration always ends with a semicolon, and declaration blocks are surrounded by curly braces.

```
<!DOCTYPE html>
<html>
<head>
  <title>HTML with CSS</title>
  <style>
    body {background-color: linen;}

    h1 {color: maroon; margin-left: 40px;}

  </style>
</head>

<body>
  <h1>Hello World!</h1>
</body>
</html>
```

Example: - **Internal**
Style Sheet

REVIEW: Grouping Selectors

```
h1 {  
  text-align: center;  
  color: red;  
}
```

```
h2 {  
  text-align: center;  
  color: red;  
}
```

```
p {  
  text-align: center;  
  color: red;  
}
```

REVIEW: Grouping Selectors – separate each with comma

```
h1, h2, p {  
    text-align: center;  
    color: red;  
}
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
  p {  
    text-align: center;  
    color: red;  
  }
```

```
</style>
```

```
</head>
```

```
<body>
```

```
  <p>Every paragraph will be affected by the style.</p>
```

```
  <p id="para1">Me too!</p>
```

```
  <p>And me!</p>
```

```
</body>
```

```
</html>
```

element Selector

selects elements
based on the
element name

#id Selector

1. To select an element with a specific id, write a hash (#) character, followed by the id of the element.
2. The #id of an element should be unique within a page, so the id selector is used to select **one unique element!**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
#para1 {
```

```
text-align: center;
```

```
color: red;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<p id="para1">Hello World!</p>
```

```
<p>This paragraph is not affected by the style.</p>
```

```
</body>
```

```
</html>
```

#id Selector is
used to select **one**
unique element!

.class Selector

1. **.class** is used to identify **more than one element**.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
.center {
```

```
text-align: center;
```

```
color: red;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1 class="center">Red and center-aligned heading</h1>
```

```
<p class="center">Red and center-aligned paragraph.</p>
```

```
</body>
```

```
</html>
```

.class Selector

All elements with same class will have same attribute.