**CSS Selectors**

**CSS selectors** are used to target specific HTML elements to which styles should be applied. They provide a way to precisely specify which elements should be affected by CSS rules.

**Types of Selectors:**

1. **Element Selectors:** Target elements based on their tag name.
   * Example: p targets all paragraph elements.
2. **Class Selectors:** Target elements based on their class attribute.
   * Example: .special targets elements with the class attribute "special".
3. **ID Selectors:** Target a single element based on its unique ID attribute.
   * Example: #myElement targets the element with the ID "myElement".
4. **Attribute Selectors:** Target elements based on their attributes.
   * Example: [href] targets all elements with an href attribute.
5. **Pseudo-class Selectors:** Target elements based on their state or condition.
   * Example: :hover targets an element when the mouse hovers over it.

**HTML Document with Examples:**

HTML

<!DOCTYPE html>

<html>

<head>

<title>CSS Selectors</title>

<style>

p {

color: blue;

}

.special {

font-weight: bold;

}

#myElement {

text-decoration: underline;

}

a[href="https://example.com"] {

color: green;

}

a:hover {

text-decoration: none;

}

</style>

</head>

<body>

<p>This is a regular paragraph.</p>

<p class="special">This paragraph has the "special" class.</p>

<p id="myElement">This paragraph has the ID "myElement".</p>

<p>This paragraph has an <a href="https://example.com">external link</a>.</p>

</body>

</html>

Use code [with caution.](/faq#coding)

**Explanation:**

* The p selector targets all paragraph elements, setting their color to blue.
* The .special selector targets elements with the class "special", making their text bold.
* The #myElement selector targets the element with the ID "myElement", underlining its text.
* The a[href="https://example.com"] selector targets anchor elements with the href attribute set to "[https://example.com](https://www.google.com/url?sa=E&source=gmail&q=https://example.com)", making their text green.
* The a:hover selector targets anchor elements when the mouse hovers over them, removing their text decoration.

This example demonstrates how different CSS selectors can be used to target and style various elements in an HTML document.