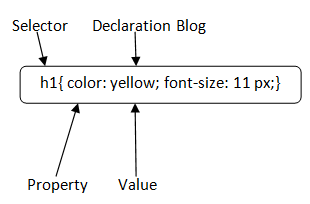
**Cascading Style Sheets**

CSS stands for Cascading Style Sheet.

CSS is used to design HTML tags.



**Selector:** Selector indicates the HTML element you want to style. It could be any tag like <h1>, <title> etc.

**Declaration Block:** The declaration block can contain one or more declarations separated by a semicolon. For the above example, there are two declarations:

1. color: yellow;
2. font-size: 11 px;

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

**Property:** A Property is a type of attribute of HTML element. It could be color, border etc.

**Value:** Values are assigned to CSS properties. In the above example, value "yellow" is assigned to color property.

**CSS Selector**

**CSS selectors** are used *to select the content you want to style*. Selectors are the part of CSS rule set. CSS selectors select HTML elements according to its id, class, type, attribute etc.

There are several different types of selectors in CSS.

1. CSS Element Selector
2. CSS Id Selector
3. CSS Class Selector
4. CSS Universal Selector
5. CSS Group Selector

**Element Selector:**

<!DOCTYPE html>

<html>

<head>

<style>

p{

text-align: center;

color: blue;

}

</style>

</head>

<body>

<p>This style will be applied on every paragraph.</p>

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

<p>And me!</p>

</body>

</html>

**Class Selector:**

<!DOCTYPE html>

<html>

<head>

<style>

.center {

text-align: center;

color: blue;

}

</style>

</head>

<body>

<h1 class="center">This heading is blue and center-aligned.</h1>

<p class="center">This paragraph is blue and center-aligned.</p>

</body>

</html>

Class Selector for Specific Element

<!DOCTYPE html>

<html>

<head>

<style>

p.center {

text-align: center;

color: blue;

}

</style>

</head>

<body>

<h1 class="center">This heading is not affected</h1>

<p class="center">This paragraph is blue and center-aligned.</p>

</body>

</html>

## CSS Universal Selector

<!DOCTYPE html>

<html>

<head>

<style>

\* {

color: green;

font-size: 20px;

}

</style>

</head>

<body>

<h2>This is heading</h2>

<p>This style will be applied on every paragraph.</p>

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

<p>And me!</p>

</body>

</html>

**Group Selector:**

<!DOCTYPE html>

<html>

<head>

<style>

h1, h2, p {

text-align: center;

color: blue;

}

</style>

</head>

<body>

<h1>Hello </h1>

<h2>Hello </h2>

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

</body>

</html>

**Inline CSS**

<!DOCTYPE html>

<html>

<body>

<h1 style="color:red;margin-left:40px;">Inline CSS is applied on this heading.</h1>

<p>This paragraph is not affected.</p>

</body>

</html>

**Internal CSS**

<!DOCTYPE html>

<html>

<head>

<style>

body {

background-color: linen;

}

h1 {

color: Red;

margin-left: 80px;

}

</style>

</head>

<body>

<h1>The internal style sheet is applied on this heading.</h1>

<p>This paragraph will not be affected.</p>

</body>

</html>

**External CSS**

<head>

 <link rel="stylesheet" type="text/css" href="mystyle.css">

</head>

**CSS Comments**

/\* this is a single-line comment \*/

**Topics:**

# CSS Background

# CSS Border

# CSS Float

# CSS Font

# CSS Line Height

# CSS Margin

# CSS Opacity

# CSS Padding