

Training Day 9 Report

7 July 2025

CSS Syntax:

```
selector {  
    property: value;  
}
```

1. **Selector** :- Specifies which HTML element(s) to style.
2. **Property** :- The style attribute you want to change (like color, font-size, etc.).
3. **Value** :- The setting you want to apply to the property.

CSS Selectors:

Selectors are used to "select" the HTML elements you want to style.

1. Universal Selector

Definition: Selects all elements on the page.

-Syntax:

```
* {  
    margin: 0;  
    padding: 0;  
}
```

Use: Often used for resetting default browser styles.

2. Element Selector

Definition: Targets specific HTML tags (elements).

-Syntax:

```
h1 {  
    color: blue;  
}
```

Use: Applies style to all <h1> elements.

3. Class Selector

Definition: Targets elements with a specific class attribute.

-Syntax:

```
.myClass {  
    font-size: 18px;  
}
```

Use in HTML:

```
<p class="myClass">Styled paragraph</p>
```

4. ID Selector

Definition: Targets a specific element with a unique id.

-Syntax:

```
#mainHeading {  
  color: red;  
}
```

Use in HTML:

```
<h1 id="mainHeading">Welcome</h1>
```

5. Group Selector

Definition: Targets multiple selectors at once.

-Syntax:

```
h1, h2, p {  
  font-family: Arial;  
}
```

Use: Applies same style to different elements without repeating.

6. Pseudo-class Selector

Definition: Applies styles when an element is in a specific state or condition.

Syntax:

```
selector:pseudo-class {  
  property: value;  
}
```

Common Pseudo-classes:

:hover

Style when mouse is over an element.

```
a:hover {  
  color: green;  
}
```

:focus

Style when an element (like input) is focused.

```
input:focus {  
  border: 2px solid blue;  
}
```

:first-child

Selects the first child of a parent.

```
p:first-child {  
  font-weight: bold;  
}
```

:last-child

Selects the last child of a parent.

```
li:last-child {  
  color: red;  
}
```

Example Using Form :

CSS type :- External +inline

HTML:

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>Contact Us form With HTML , CSS</title>  
  <link rel="stylesheet" href="form_css.css">  
</head>  
<body>  
  <header>  
    <div>  
      <h1>Contact Us</h1>  
    </div>  
  </header>  
  <main>  
    <div>  
      <form action="" autocomplete="on" method="">  
        <!-- Full Name -->  
        <div>  
          <label for="id1" class="head">Full Name<span style="color: red;">*</span> :-  
</label>  
          <input type="text" id="id1" name="Full Name" placeholder="Enter Full Name"  
title="Fill Full Name here" required>  
        </div><br>  
        <!-- E-mail -->  
        <div>
```

```

        <label for="id12" class="head">E-mail Address<span style="color:
red;">*</span> :- </label>
        <input type="email" id="id12" name="E-mail Address" placeholder="Enter E-
mail" title="Fill E-mail here" required>
    </div><br>
    <!-- Phone Number -->
    <div>
        <label for="id3" class="head">Phone Number <span style="color:
grey;">(optional)</span> :- </label>
        <input type="number" id="id3" name="Phone Number" placeholder="Enter
Phone Number" pattern="[0,9]{10}" title="Fill Phone Number here">
    </div><br>
    <!-- Your message -->
    <div>
        <label for="id4" class="head">Your Message <span style="color:
grey;">(optional)</span> :-</label>
        <textarea type="Message" id="id4" rows="1" cols="20" name="Your Message"
maxlength="50" placeholder="Enter Your query" title="Fill your Message
here"></textarea>
    </div><br>
    <!-- Location -->
    <div>
        <label for="id5" class="head">Location<span style="color: red;">*</span> :-
</label>
        <input type="text" id="id5" name="Location" placeholder="Enter Your
Location" title="Fill your Location here" required>
    </div><br>
    <!-- Reason For Contact -->
    <div>
        <label title="Select the Reason" for="id6" class="head"required>Reason for
Contact :-</label><br>
        <input type="checkbox" name="Reason for Contact" id="id6" value="Support"
>Support <br>
        <input type="checkbox" name="Reason for Contact" id="id6" value="Sales
Inquiry">Sales Inquiry <br>
        <input type="checkbox" name="Reason for Contact" id="id6" value="General
Feedback">General Feedback <br>
        <input type="checkbox" name="Reason for Contact" id="id6"
value="Other">Other <input type="text" name="Reason for Contact" id="id6"><br>
    </div><br>
    <!-- Preferred Time to Contact -->
    <div>

```

```
        <label for="id7" class="head" >Preferred Time to Contact<span style="color:
red;">*</span> :- </label><br>
```

```
        <input type="radio" id="id7" aria-required="true" name="Preferred Time to
Contact" required title="choose one" value="Morning(10:30am -
11:30am)">Morning(10:30am - 11:30am) <br>
```

```
        <input type="radio" id="id7" aria-required="true" name="Preferred Time to
Contact" title="choose one" value="Afternoon(1:30pm - 2:30pm)">Afternoon(1:30pm -
2:30pm) <br>
```

```
        <input type="radio" id="id7" aria-required="true" name="Preferred Time to
Contact" title="choose one" value="Evening(6:30pm - 7:30pm)">Evening(6:30pm -
7:30pm) <br>
```

```
    </div><br>
```

```
    <!-- Preferred Method of Contact -->
```

```
    <div>
```

```
        <label for="method" class="head">Preferred Method of Contact<span
style="color: red;">*</span> :-</label>
```

```
        <select name="Preferred Method of Contact" id="method" required>
```

```
            <option value="">-----Select Method-----</option>
```

```
            <option value="E-mail">E-mail</option>
```

```
            <option value="Phone">Phone</option>
```

```
            <option value="WhatsApp">WhatsApp</option>
```

```
        </select>
```

```
    </div><br>
```

```
    <!-- SUBMIT -->
```

```
    <div>
```

```
        <button type="submit">SUBMIT</button>
```

```
    </div>
```

```
</form>
```

```
</div>
```

```
</main>
```

```
</body>
```

```
</html>
```

CSS:

```
h1{
    color:maroon;
    background-color:rgb(252, 170, 170);
    width: 490px;
    height: 35px;
    cursor: pointer;
```

```
padding-top: 50px;
padding-right: 2px;
padding-left: 20px;
}
button{
    color: rgb(238, 238, 238);
    background-color: green;
}
form{
    width:500px;
    height: 510px;
    background-color: rgb(242, 239, 196);
}
button:hover{
    color: brown;
}
```

class

```
.head{
    font-weight: bolder;
    font-size: 20px;
}
```

id

```
#id1{
    border-color: rgb(116, 203, 209);
    cursor: pointer;
}
#id12{
    border-color: rgb(116, 203, 209);
}
#id3{
    border-color: rgb(116, 203, 209);
}
#id4{
    border-color: rgb(116, 203, 209);
}
#id5{
    border-color: rgb(116, 203, 209);
}
#id6{
    border-color: rgb(116, 203, 209);
}
```

```

#method{
  border-color: rgb(116, 203, 209);
}
hover
#id1:hover{ background-color: rgb(255, 244, 236);
}
#id12:hover{ background-color:rgb(255, 244, 236);
}
#id3:hover{ background-color:rgb(255, 244, 236);
}
#id4:hover{ background-color:rgb(255, 244, 236);
}
#id5:hover{ background-color:rgb(255, 244, 236);
}
#id6:focus{ background-color:rgb(221, 147, 95);
cursor: pointer;
}
#method:hover{ background-color:rgb(255, 244, 236);

}

```

Table

Selector Type	Symbol	Example	Target
Universal	*	* {}	All elements
Element	—	p {}	All <p> tags
Class	.	.box {}	Elements with class="box"
ID	#	#header {	Element with id="header"
Group	,	h1, p {}	All <h1> and <p> tags
Pseudo-class	:	a:hover {}	<a> tags when hovered