CSS Tutorial

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[CSS Pseudo Class Selector](https://www.way2tutorial.com/css/css_pseudo_class_selector.php)  
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CSS Reference

[CSS Color Picker](https://www.way2tutorial.com/css/reference/color_picker.php)  
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CSS Pseudo Selectors

Universal Selector

[\*](https://www.way2tutorial.com/css/css_universal_selector.php)

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# **How to Write CSS In-line, Internal or External Style sheet, CSS @import Keyword**

In this page you can learn how to write CSS style. You can define and implement CSS style 4 different way (In-line style, Internal style, external style sheet and @import), you must have to knowledge in which situation which type is better fit for you. So lets start, you can define and implement CSS style in following different ways.

1. [In-line CSS style](https://www.way2tutorial.com/css/how_to_write_css_style.php#inline_css_style)
2. [Internal CSS Style](https://www.way2tutorial.com/css/how_to_write_css_style.php#internal_css_style)
3. [External Style Sheet](https://www.way2tutorial.com/css/how_to_write_css_style.php#external_css_style)
4. [@import Style Sheet](https://www.way2tutorial.com/css/how_to_write_css_style.php#import_css_style)

### **In-line CSS Style**

In-line CSS Style write in element line using style attribute. All most every HTML element support style attribute.  
In-line stylesheet priority high more than other three.

In-line CSS style consists set of rules in 4 part:

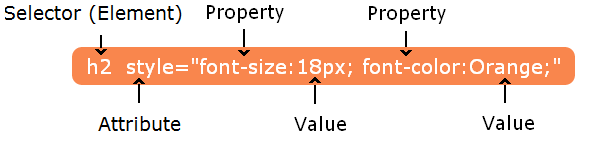
1. Selector (Element)
2. Style (Attribute)
3. Property and
4. Value

## CSS Selectors List

| CSS Selectors List | | |
| --- | --- | --- |
| **Selector** | **Example** | **Use** |
| **Tag Selector** | p{} | Used to call all p tags |
| **ID Selector** | #para{} | Used to call that unique element with id para. |
| **Class Selector** | .para{} | Used to call group of different elements with class para |
| **Tag with Class Selector** | p.para{} | Used to call only p elements with class para |
| **Grouping Selector** | h1, h3, h5{} | Used to group <h1>, <h3> <h5> elements |
| **Descendant Selector** | div p{} | Used to call all p elements of div, i.e, children, grand children and so on. |
| **Child Selector** | div > p{} | Used to call only child p elements of div, not grand and great grand. |
| **Attribute Selector** | input[type="radio"] | Used to call an element on the basics of attribute and value. |
| **Universal Selector** | \*{} | Used to call all elements in web document. |

## How to write In-line CSS Style

Selector is normally HTML element that element you want to assign CSS style. And style is attribute to assign CSS property and set suitable value.



Example

<p style="color:purple; margin-left:20px">This is a first paragraph.</p>

<div style="color:purple; font-size:16px; background-color:#FF6633;">This is a second paragraph.</div>

### **Internal CSS Style**

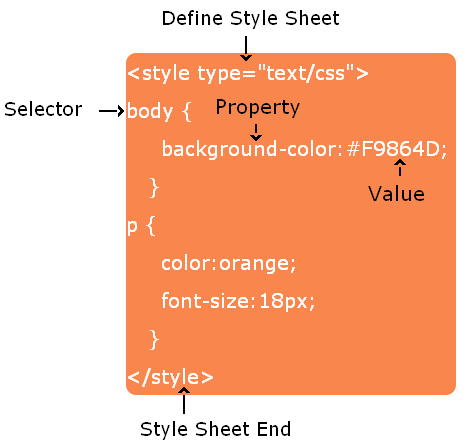
Internal CSS Style includes within web page using **<style type="text/css">.....</style>** element and between this element CSS style properties are listed. Internal CSS style normally written within **<head>.....</head>** element of the web page.

Internal CSS style consists set of rules in 3 part:

1. Selector (element, class, id)
2. Property and
3. Value

## How to write Internal CSS Style

Selector is normally HTML element that element you want to assign CSS style. All elements within web page that elements assign CSS properties and set suitable values.



Example

<!DOCTYPE html>

<html>

<head>

<title>Internal CSS Style</title>

<style type="text/css">

p {

color:purple;

margin-left:20px;

}

div{

color:purple;

font-size:16px;

background-color:#FF6633;

}

</style>

</head>

<body>

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

<div>This is a second paragraph.</div>

</body>

</html>

### **External Style Sheet**

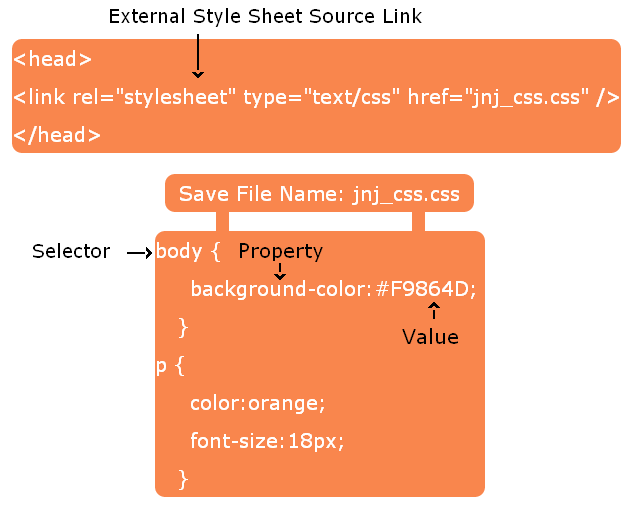
External Style Sheet define in separate .css extension file. and used to make global change also manage all web page from a single CSS document.  
External style sheets give you control to change formatting and layout styles of every single elements in web pages. And only those web page who are linked with external CSS document.

External style sheet consists set of rules in 4 part:

1. External Source link
2. Selector (element, class, id)
3. Property and
4. Value

## How to write External Stylesheet

External stylesheet linked to a web page.  
Selector is normally HTML element (or class, id) to assign CSS properties and set suitable values.



Example

*style.css*

/\*CSS Style\*/

p {

color:purple;

margin-left:20px;

}

div{

color:purple;

font-size:16px;

background-color:#FF6633;

}

<!DOCTYPE html>

<html>

<head>

<title>External CSS Style</title>

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

</head>

<body>

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

<div>This is a second paragraph.</div>

</body>

</html>

### **@import Style Sheet**

@import CSS Style is another way to loading a CSS file.

@import CSS Style define within **<style type="text/css">.....</style>** element in your **<head>.....</head>** of your web page.

@import CSS style consists set of rules in 3 part:

1. @import (keyword)
2. url()
3. CSS file path

## How to write @import CSS Style

**@import url('style.css');**

Example

*style.css*

/\*CSS Style\*/

p {

color:purple;

margin-left:20px;

}

div{

color:purple;

font-size:16px;

background-color:#FF6633;

}

<!DOCTYPE html>

<html>

<head>

<title>Import CSS Style</title>

<style>

@import url("style.css");

</style>

</head>

<body>

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

<div>This is a second paragraph.</div>

</body>

</html>

# **CSS class - Difference between CSS class vs. CSS ID**

CSS class is a selector to assign class name either one or group of element and apply specific styles.

Using class selector you can easily modify element styles.

CSS class selector define using class attribute with value (user define class name).

CSS class selector identify using (".") dot sign concatenate with user define class name.

CSS Class use for when you using JavaScript its identify of element using getElementByIClass() function.

#### **CSS class advantages**

One or more CSS class assign to a every single element separate by single space.  
Another advantages is assign same class one or more element with same styles.

## Syntax

If you assign same class name multiple element syntax is like,

**.class\_name { property: value; }**

Example

<!DOCTYPE html>

<html>

<head>

<title>CSS elements with same class name</title>

<style>

.line {

color: #FFF;

font-size: 20px;

background-color: #FF6633;

}

</style>

</head>

<body>

<p class="line">This is a first paragraph.</p>

<div class="line">This is a first section.</div>

</body>

</html>

## Syntax

CSS Class allows you to set a particular style for any HTML elements using CSS class. If you assign same class multiple element with assign unique style each element, syntax is like,

**element.class\_name { property:value; }**

Example

<!DOCTYPE html>

<html>

<head>

<title>CSS elements with same class name with different style</title>

<style>

p.line {

color: #FF6633;

margin-left: 20px;

}

div.line {

color: #FFF;

font-size: 20px;

background-color: #FF6633;

}

</style>

</head>

<body>

<p class="line">This is a first paragraph.</p>

<div class="line">This is a first section.</div>

</body>

</html>

## Complex Class Syntax

Following is complex example, in this example 3 different class name assign to the elements, Now we apply to the CSS style. Some CSS style are common and some or unique so lets see how to assign CSS style.

Example

<!DOCTYPE html>

<html>

<head>

<title>CSS class</title>

<style>

.line\_1, .line\_2, .ine\_3{

font-size:16px;

}

.line\_1 {

color: purple;

margin-left: 20px;

}

.line\_2 {

font-size: 20px;

background-color: #FF6633;

}

.line\_3 {

font-style: italic;

font-weight: bold;

}

</style>

</head>

<body>

<p class="line\_1">This is a first paragraph.</p>

<div class="line\_2">This is a first section.</div>

<div class="line\_3">This is a second section.</div>

</body>

</html>

### **CSS class vs CSS ID**

This difference is important to know where is use CSS ID and CSS Class. Because both work are same. CSS ID is a use for "unique identifier an element". It means CSS ID selector can be called only one times in a document while class selector can be called multiple times in a document.

But you can use Class have a maximum flexibility. Class and ID have not any strong rules to where is use CSS ID or CSS Class.

* CSS ID: Unique Personally Identification(ID) in Number of ID's.
* CSS Class: Multiple Identification in Number of Class.