HTML Styles -CSS

Styling HTML with CSS

CSS can be added to HTML elements in 3 ways:

Inline - by using the style attribute in HTML elements

```
<h1 style="color:blue;">This is a Blue Heading</h1>
```

Internal - by using a <style> element in the <head> section

```
<!DOCTYPE html>

<html>

<head>

<style>

body {background-color: powderblue;}

h1   {color: blue;}

p    {color: red;}

</style>

</head>

<body>


<h1>This is a heading</h1>

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


</body>

</html>
```

External - by using an external CSS file

```
<!DOCTYPE html>

<html>

<head>

  <link rel="stylesheet" href="styles.css">

</head>

<body>


<h1>This is a heading</h1>

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

```
</body>

</html>
```

CSS Fonts

```
<!DOCTYPE html>

<html>

<head>

<style>

h1 {

    color: blue;

    font-family: verdana;

    font-size: 300%;

}

p  {

    color: red;

    font-family: courier;

    font-size: 160%;

}

</style>

</head>

<body>


<h1>This is a heading</h1>

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


</body>

</html>
```

CSS Border

```
p {

    border: 1px solid powderblue;

}
```

CSS Padding

The CSS padding property defines a padding (space) between the text and the border:

```
p {
    border: 1px solid powderblue;
    padding: 30px;
}
```

CSS Margin

The CSS margin property defines a margin (space) outside the border:

```
p {
    border: 1px solid powderblue;
    margin: 50px;
}
```

The id Attribute

To define a specific style for one special element, add an id attribute to the element:

```
<p id="p01">I am different</p>
```

The class Attribute

To define a style for special types of elements, add a class attribute to the element:

```
<p class="error">I am different</p>
```

```
p.error {
    color: red;
}
```

External Reference

External style sheets can be referenced with a full URL or with a path relative to the current web page.

This example uses a full URL to link to a style sheet:

```
<link rel="stylesheet" href="https://www.w3schools.com/html/styles.css">
```

This example links to a style sheet located in the html folder on the current web site:

```
<link rel="stylesheet" href="/html/styles.css">
```

This example links to a style sheet located in the same folder as the current page:

```
<link rel="stylesheet" href="styles.css">
```