

# HTML Styles - CSS

## Cascading Style Sheets

CSS can be added to HTML documents in 3 ways:

- **Inline**
- **Internal** - by using a `<style>` element in the `<head>` section
- **External**

# Style

- The <style> tag is used to define style information for a document.
- Inside the <style> element you specify how HTML elements should render in a browser.

```
<html>
<head>
<style>
  h1 {color:red;}
  p {color:blue;}
</style>
</head>
<body>

<h1>A heading</h1>
<p>A paragraph.</p>

</body>
</html>
```

# Example

- **Multiple styles for the same elements:**

```
<html>
<head>
<style>
  h1 {color:red;}
  p {color:blue;}
</style>
<style>
  h1 {color:green;}
  p {color:pink;}
</style>
</head>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

# Example

```
<!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>
```

# Use of CSS color, font-family and font-size properties:

- The CSS color property defines the text color to be used.
- The CSS font-family property defines the font to be used.
- The CSS font-size property defines the text size to be used.

# Example

```
<!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>
```

# Use of CSS border property:

- The CSS border property defines a border around an HTML element.

# Example

```
<!DOCTYPE html>
<html>
<head>
<style>
p {
  border: 2px solid powderblue;
}
</style>
</head>
<body>

<h1>This is a heading</h1>

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

</body>
</html>
```



# Use of CSS border and padding properties:

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

# Example

```
<!DOCTYPE html>
<html>
<head>
<style>
p {
  border: 2px solid powderblue;
  padding: 30px;
}
</style>
</head>
<body>

<h1>This is a heading</h1>

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

</body>
</html>
```

# Use of CSS border and margin properties:

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

# Example



```
<!DOCTYPE html>
<html>
<head>
<style>
p {
  border: 2px solid powderblue;
  margin: 50px;
}
</style>
</head>
<body>

<h1>This is a heading</h1>

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

</body>
</html>
```