

HTML and Web Pages

Styles

- Syntax of style attribute
 - `style="property:value"`

This is CSS (Cascading Style Sheet) attribute.

Cascading Style Sheet (CSS)

CSS (Cascading Style Sheet) -

- CSS is the language for styling the HTML elements.
- Describes the presentation of an HTML document.
- Prior to CSS, attributes were being used to add styling like color, alignment or background image.
 - But this made the html code full of attributes making the code look dirty.
 - So, the styling part is moved to CSS.
- Invented by Hakon Wium Lie on October 10, 1994.

```
<!doctype html>
<!--      demo13.html      -->
<html>
  <head>
    <title> HTML Styles </title>
  </head>
  <!-- Change background colour of your page -->
  <body style="background-color:yellow">
    <h1> Here is yellow color in the background </h1><hr>
    <!-- Change text color -->
    <h1 style="color:red">IIIT Sricity</h1>
    <h2 style="color:blue">UG1</h2>
    <p style="color:red">ITWS1</p><hr>
    <!-- Change font type -->
    <h1 style="font-family:Times New Roman">IIIT Sricity</h1>
    <h1 style="font-family:courier">UG1 ITWS1</h1><hr>
    <!-- Change text size -->
    <p style="font-size:100%">IIIT Sricity</p>
    <p style="font-size:200%">IIIT Sricity</p>
    <p style="font-size:75%">IIIT Sricity</p><hr>
    <!-- Combine styles -->
    <h1 style="color:blue;font-family:courier;font-size:300%">
      IIIT Sricity</h1>
  </body>
</html>
```

Here is yellow color in the background

IIT Sricity

UG1

ITWS1

IIT Sricity

UG1 ITWS1

IIT Sricity

IIT Sricity

IIT Sricity

IIT Sricity

```
<!doctype html><!--demo24--><!--CSS Example-->
<html>
  <head>
    <title>CSS Example</title>
    <style>
      body {background-color:cyan;}
      p {color:blue;}
    </style>
  </head>
  <body>
    <h1><center>IIIT Sricity</center></h1>
    <p>UG1 ITWS1 Course</p>
  </body>
</html>
```



CSS Types

Three types of CSS links are as follows –

External –

- The <link> element can be used to include an external style sheet file in HTML document.

Internal –

- CSS rules are written into HTML document using the <style> element.
- This tag is placed inside <head>...</head> tags.

Inline –

- Style attribute of any HTML element can be used to define style rules.

CSS Internal Style Example

```
<!doctype html><!--demo25--><!--CSS Internal Style Sheet-->
<html lang="en-US"><head><meta charset="UTF-8"><title>IIIT Sri City</title>
<style>
  body {background-color:cyan}
  p {text-align:center; color:blue}
  h1 {text-align:center; text-shadow:2px 2px red}
  a {color:maroon}
  table {border-collapse:collapse /*change it and see the difference*/}
  table, td, th {border:1px solid yellow}
  td {padding:15px /* You can remove padding and see the difference */}
</style></head>
<body>
  <h1>IIIT Chittoor, Sricity</h1>
  <p> </p>
  <p>The Indian Institute of Information Technology (IIIT) Sricity, Andhra Pradesh is an Autonomous Institute setup by Government of India (MHRD), Government of Andhra Pradesh and Industry Partners (represented by Sricity Foundation) as a not-for-profit Public Private Partnership (N-PPP) Society.</p>
  <p><a href = "http://www.iiits.ac.in/">Click here to open IIITS webpage</a></p>
  <table>
    <tr><th>Organiser Name</th><th>Workshop</th></tr>
    <tr><td>abc</td><td>AI</td></tr>
    <tr><td>cba</td><td>Android</td></tr>
  </table>
</body></html>
```


IIIT Chittoor, Sricity



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[Click here to open IIITS webpage](#)

Organiser Name	Workshop
abc	AI
cba	Android

CSS External Style Example

```
<!doctype html><!--demo26--><!--CSS External Style Sheet-->
<html lang="en-US"><head><meta charset="UTF-8"><title>IIIT Sri City</title>
<link rel="stylesheet" type="text/css" href="mystyle.css"></head>
<body>
  <h1>IIIT Chittoor, Sricity</h1>
  <p> </p>
  <p>The Indian Institute of Information Technology (IIIT) Sricity, Andhra Pradesh is an Autonomous Institute setup by Government of India (MHRD), Government of Andhra Pradesh and Industry Partners (represented by Sricity Foundation) as a not-for-profit Public Private Partnership (N-PPP) Society.</p>
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  </table>
</body></html>
```

demo26.html mystyle.css

```
body {background-color:cyan}
p {text-align:center; color:blue}
h1 {text-align:center; text-shadow:2px 2px red}
a {color:maroon}
table {border-collapse:collapse /*change it and see the difference*/}
table, td, th {border:1px solid yellow}
td {padding:15px /* You can remove padding and see the difference */}
```

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ID & Class in CSS

- ID - starts with #

Only one id with one tag

- Class - starts with .

Multiple id can be merged

Setting the Webpage Background

- Set the background color of web page by including

`style="background-color:red"`

`style="background-color:rgb(255,0,0)"`

`style="background-color:#ff0000"`

Setting the Webpage Background

- To set the background to a design

```
style="background-  
image:url("iiits.jpg");background-repeat:no-  
repeat;background-size:100%;"
```