

CSS

Lesson 1



 optimum

What is CSS?

CSS – Cascading Style Sheets

- Styles define how to display HTML elements
- Styles were added to HTML 4.0 to solve a problem
- External Style Sheets can save a lot of work
- External Style Sheets are stored in CSS files

CSS Syntax

Select
or



Declarati
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Declarati
on

```
{ color:blue;  
font-size:15px}
```

Propert
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Propert
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Val
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CSS Comments

```
/*This is a comment*/  
p  
{  
text-align:center;  
/*This is another  
comment*/  
color:black;  
font-family:arial;  
}
```

Id and Class

```
<!DOCTYPE html>  
<html>  
<head>  
<style>  
#para  
{  
text-align:center;  
color:red;  
}  
</style>  
</head>  
<body>  
<p id="para">Hello World! </p>  
<p>This paragraph is not affected by  
the style. </p>  
</body>  
</html>
```

Id and Class

```
<style>
p.center
{
text-align:center;
}
</style>
```

```
<h1 class="center">This heading will not be affected</h1>
<p class="center">This paragraph will be center-aligned.</p>
```

```
<!DOCTYPE html>
<html>
<head>
<style>
.center
{
text-align:center;
}
</style>
</head>
<body>
<h1 class="center">Center-aligned heading</h1>
<p class="center">Center-aligned paragraph.</p>
</body>
</html>
```

Three Ways To Insert CSS

External style

```
<head>  
<link rel="stylesheet" type="text/css"  
href="mystyle.css">  
</head>
```

Internal style

```
<style>  
p  
{  
text-align:center;  
color:red;  
}  
</style>  
</head>
```

Inline styles

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

Multiple Styles Will Cascade into One

1. Browser default
2. External style sheet
3. Internal style sheet (in the head section)
4. Inline style (inside an HTML element)

Styling Backgrounds

- background-color
- background-image
- background-repeat
- background-attachment
- background-position

Background-color

r

HEX value - like "#ff0000"

RGB value - like

"rgb(255,0,0)"

color name - like "red"

Styling Backgrounds

Background-color

```
<head>
<style>
h1{background-color:#6495ed; }
p{ background-color:#e0fff; }
div{background-color:#b0c4de;}
</style>
</head>
<body>
<h1> CSS background-color example!
</h1>
<div>
This is a text inside a div element.
<p> This paragraph has its own
background color. </p>
We are still in the div element.
</div>
</body>
```

CSS background-color example!

This is a text inside a div element.

This paragraph has its own background color.

We are still in the div element.

Styling Backgrounds

Background

```
<head>  
<style>  
body  
{background-image:url(image.jpg);}  
</style>  
</head>  
<body>  
<h1> CSS background Image example!  
</h1>
```

```
</body>
```

Styling Backgrounds

Background Image Repeat

Value	Description
repeat	The background image will be repeated both vertically and horizontally. This is default
repeat-x	The background image will be repeated only horizontally
repeat-y	The background image will be repeated only vertically
no-repeat	The background-image will not be repeated
inherit	Specifies that the setting of the background-repeat property should be inherited from the parent element

background-repeat:no-repeat;
background-repeat:repeat-x;
background-repeat:repeat-y;

Styling Backgrounds

Background Position

Value	Description
left top left center left bottom right top right center right bottom center top center center center bottom	If you only specify one keyword, the other value will be "center"
x% y%	The first value is the horizontal position and the second value is the vertical. The top left corner is 0% 0%. The right bottom corner is 100% 100%. If you only specify one value, the other value will be 50%. . Default value is: 0% 0%

**background-position:left-top;
background-repeat:50% 45%;**

Styling Backgrounds

Background Attachment

Value	Description
scroll	The background scrolls along with the element. This is default
fixed	The background is fixed with regard to the viewport

```
background-attachment:fixed;  
background-attachment:scroll  
;
```

Styling Backgrounds

Background

```
body  
{  
background: #ffffff url(02.jpg') no-repeat right top;  
}
```

[Reload this page](#)

CSS backgroundr example!



Task1:

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable English. Many desktop publishing packages and web page editors now use Lorem Ipsum as their default model text, and a search for 'lorem ipsum' will uncover many web sites still in their infancy. Various versions have evolved over the years, sometimes by accident, sometimes on purpose (injected humour and the like).

Lorem Lorem!!!!

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