CSS Backgrounds

1. background-color
2. background-image
3. background-repeat
4. background-attachment
5. background-position
6. background (shorthand property)

CSS background-color

The background-color property specifies the background color of an element.

```
body {

  background-color: lightblue;

}
```

CSS background-image

The background-image property specifies an image to use as the background of an element.

```
body {

  background-image: url("paper.gif");

}
```

If the image above is repeated only horizontally (`background-repeat: repeat-x;`), the background will look better:

```
body {

  background-image: url("gradient_bg.png");

  background-repeat: repeat-x;

}
```

CSS background-repeat

By default, the `background-image` property repeats an image both horizontally and vertically.

```
body {

  background-image: url("img_tree.png");

  background-repeat: no-repeat;

  background-position: right top;
```

CSS background-attachment

The `background-attachment` property specifies whether the background image should scroll or be fixed (will not scroll with the rest of the page):

```
body {

  background-image: url("img_tree.png");

  background-repeat: no-repeat;

  background-position: right top;

  background-attachment: fixed;

}
```

CSS background - Shorthand property

To shorten the code, it is also possible to specify all the background properties in one single property. This is called a shorthand property.

```css
body {

  background-color: #ffffff;

  background-image: url("img_tree.png");

  background-repeat: no-repeat;

  background-position: right top;

}

body {

  background: #ffffff url("img_tree.png") no-repeat right top;

}
```

```html
<!DOCTYPE html>
<html>
<head>
<style>
p.dotted {border-style: dotted;}
p.dashed {border-style: dashed;}
p.solid {border-style: solid;}
p.double {border-style: double;}
p.groove {border-style: groove;}
p.ridge {border-style: ridge;}
p.inset {border-style: inset;}
p.outset {border-style: outset;}
p.none {border-style: none;}
p.hidden {border-style: hidden;}
p.mix {border-style: dotted dashed solid double;}
</style>
</head>
<body>

<h2>The border-style Property</h2>
<p>This property specifies what kind of border to display:</p>

<p class="dotted">A dotted border.</p>
<p class="dashed">A dashed border.</p>
<p class="solid">A solid border.</p>
<p class="double">A double border.</p>
<p class="groove">A groove border.</p>
<p class="ridge">A ridge border.</p>
<p class="inset">An inset border.</p>
<p class="outset">An outset border.</p>
<p class="none">No border.</p>
<p class="hidden">A hidden border.</p>
<p class="mix">A mixed border.</p>

</body>
</html>
```

```
p.mix {border-style: dotted dashed solid double;}
```

Result:

A dotted border.

A dashed border.

A solid border.

A double border.

A groove border. The effect depends on the border-color value.

A ridge border. The effect depends on the border-color value.

An inset border. The effect depends on the border-color value.

An outset border. The effect depends on the border-color value.

No border.

A hidden border.

A mixed border.