CSS Background

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The CSS background properties are used to define the background effects for elements.

CSS background properties:

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

Background Color

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

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
    background-color: lightblue;
}
</style>
</head>
<body>

<h1>Hello World!</h1>

<p>This page has a light blue background
    color!</p>

</body>
</html>
```

With CSS, a color is most often specified by:
- a valid color name - like "red"
- a HEX value - like "#ff0000"
- an RGB value - like "rgb(255,0,0)"

Background Image

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

- By default, the image is repeated so it covers the entire element.

Background Image

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
    background-image: url("paper.gif");
}
</style>
</head>
<body>

<h1>Hello World!</h1>

<p>This page has an image as the background!</p>

</body>
</html>
```

Background -repeat

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
    background-image: url("gradient_bg.png");
    background-repeat: repeat-x;
}
</style>
</head>
<body>

<h1>Hello World!</h1>
<p>Here, a backgound image is repeated only horizontally!</p>

</body>
</html>
```

Background -position

The position of the image is specified by the background-position property:

```html
<!DOCTYPE html>
<html>
<head>
<style>
body {
    background-image: url("img_tree.png");
    background-repeat: no-repeat;
    background-position: right top;
    margin-right: 200px;
}
</style>
</head>
<body>

<h1>Hello World!</h1>
<p>W3Schools background no-repeat, set position example.</p>
<p>Now the background image is only shown once, and positioned away from the
    text.</p>
<p>In this example we have also added a margin on the right side, so the background
    image will never disturb the text.</p>

</body>
</html>
```

Background -attachment

To specify that the background image should be fixed (will not scroll with the rest of the page), use the background-attachment property:

```
body {
     background-image: url("img_tree.png");
     background-repeat: no-repeat;
     background-position: right top;
     background-attachment: fixed;
  }
```