

## CSS Background

fundamental declaration

CSS  
↓  
Combination of  
Properties & Values

### Topics covered:

- What is CSS Background?
- What is Background-color?
- What is Background-image?
- What is Background-repeat?
- What is Background-attachment?
- What is Background-position?
- What is Background shorthand property?
- What is Background-size?

### Topics in Detail:

#### CSS Background:

To add background effects to HTML elements background property is used. The background effect may be:

1. background-color
2. background-image
3. background-repeat
4. background-attachment
5. background-position

colour picker - in google  
copy - hex code & use it in  
VS code.

color → represent text colour

Hex value → # a-e & 0-9 } Combination  
(Ex → #3259a)

#### Background-color:

- The property background-color is used to set the background color of an HTML element.
- Syntax: **background-color**: color name;
- Example: **background-color**: lightblue;
- The value can be any valid color names, color codes (Hex values/rgb values)
- The transparency of the background color can be adjusted using the **opacity** property.
- The value of opacity can vary from 0.0 to 1.0.
- The lower value will have more transparency. 0 if text completely vanish
- Code and Style:

```
<div class="bgcolor">
  <h1>CSS Background Color</h1>
  <p>The property background-color is used to set the background color of an
  HTML element.</p>
</div>
```

```
.bgcolor{
  background-color: pink;
  opacity: 0.5;
}
```

- Output:



To get img via google  
Unsplash.com

## Background-Image:

- The background-image property is used to set an image as the background of any HTML elements.
- By default the image covers the entire element. If the image size is small, by default the image is repeated to cover the entire element.
- The image that has to be set as the background has to be located in the same project folder.

- Syntax:** background-image: url("image path");
- Code:

```
<div class="bgimage">
  <h1>CSS Background Image</h1>
  <p>The background-image property is used to set an image as the background of any HTML elements.</p>
  <p>By default the image covers the entire element. If the image size is small, by default the image is
  repeated to cover the entire element.</p>
  <p>The image that has to be set as the background has to be located in the same project folder.</p>
</div>
```

- Style:

\*\*\*

```
.bgimage{
  background-image: url("image.png");
  color: antiquewhite
}
```

double quotes  
Copy image address  
(Google)

- Output:

**CSS Background Image**

The background-image property is used to set an image as the background of any HTML elements.

By default the image covers the entire element. If the image size is small, by default the image is repeated to cover the entire element.

The image that has to be set as the background has to be located in the same project folder.

- The background image chosen should match the text color.

## Background-repeat:

- The background image property repeats the images horizontally and vertically if the image is smaller than the HTML element size. Sometimes it may look odd.
- Example:



- By using background-repeat property we can specify whether the background image should repeat horizontally/ repeat vertically/ should not repeat.
- Repeat horizontally:** background-repeat: repeat-x;
- Repeat vertically:** background-repeat: repeat-y;
- Should not repeat:** background-repeat: no-repeat;

Repeat → Background repeat: repeat; → default  
↓ Both x & y

- The position of the image can be specified with the help of background-position property.
- Example: `background-position: right top;`
- Code:

```
<div class="bgrepeat">
  <h1>Background repeat</h1>
  <p>By using background-repeat property we can specify whether the background image should repeat horizontally/ repeat vertically/ should not repeat.</p>
</div>
```

- Style:

```
.bgrepeat{
  background-image: url("image2.jpg");
  background-repeat: no-repeat;
  background-position: right top;
  color: #burlywood;
}
```

- Output:

**Background repeat**

By using background-repeat property we can specify whether the background image should repeat horizontally/ repeat vertically/ should not repeat.



## Background-attachment:

- The background-attachment property specifies whether the background image attached should be scrolled along with the text or it should be in fixed size.
- Example:

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

→ Background will not move

→ Background will move with scrolling

↳ default

? Practice

## Background-shorthand property:

- To shorten the code, all the background properties can be included in one single property background.
- The background is a shorthand property.
- Expanded code and Shorthand property:

```
body{
  background-color: #pink;
  background-image: url("image.png");
  background-repeat: no-repeat;
  background-position: right top;
}
```

shorthand

```
body{
  background: #pink url("image.png") no-repeat right top;
}
```

## Background-size:

- The background-size property is used to set the size of the background image.
- Example: `background-size: 100px;`

Use {

Contain → Text

OR

Cover → Webpage