

<!-- ! background Property -->

Background Property in CSS

The `background` property in CSS is a shorthand property used to set all background-related properties in one declaration.

It can include the following individual properties:

1. `background-color`:

- Sets the background color of an element.
- You can specify colors using names (`red`), hex codes (`#ff0000`), RGB (`rgb(255, 0, 0)`), RGBA (`rgba(255, 0, 0, 0.5)`), HSL (`hsl(0, 100%, 50%)`), or HSLA (`hsla(0, 100%, 50%, 0.5)`).

```
background-color: lightblue;
```

2. `background-image`:

- Sets an image as the background of an element.
- You can use a URL to specify an image, or use `none` to remove a background image.

```
background-image: url('image.png');
```

3. `background-repeat`:

- Defines how the background image is repeated.
- Values:
 - `repeat`: Repeats the image both horizontally and vertically.
 - `repeat-x`: Repeats the image horizontally only.
 - `repeat-y`: Repeats the image vertically only.
 - `no-repeat`: Does not repeat the image.

```
background-repeat: no-repeat;
```

4. **background-position:**

- Specifies the initial position of the background image.
- Values can be keywords (**top**, **bottom**, **left**, **right**, **center**), or coordinates (**50% 50%** or **10px 20px**).

background-position: 100% 100%;

5. **background-size:**

- Specifies the size of the background image.
- Values:
 - **auto**: Default. Keeps the original size.
 - **cover**: Scales the image to cover the entire element (image may be cropped).
 - **contain**: Scales the image to fit within the element (image won't be cropped).
 - Specific sizes (**100px 50px**, **50% 50%**).

background-size: cover;

6. **background-attachment:**

- Determines whether the background image is fixed relative to the viewport or scrolls with the content.
- Values:
 - **scroll**: Background image scrolls with the element's content.
 - **fixed**: Background image stays fixed relative to the viewport.
 - **local**: Background scrolls with the element's content, but not the entire page.

background-attachment: fixed;