

## CSS 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.

### Example

Set the background image for a page:

```
body{  
  background-image: url("paper.gif");  
}
```

### Example

This example shows a **bad combination** of text and background image. The text is hardly readable:

```
body{  
  background-image: url("bgdesert.jpg");  
}
```

### Example

```
p{  
  background-image: url("paper.gif");  
}
```

---

## CSS background-repeat

The background-repeat property sets if/how a background image will be repeated.

By default, a background-image is repeated both vertically and horizontally.

Some images should be repeated only horizontally or vertically, or they will look strange, like this:

### Example

```
body{  
  background-image: url("gradient_bg.png");  
}
```

---

## CSS background-repeat Horizontally

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

Example

```
body{
  background-image: url("gradient_bg.png");
  background-repeat: repeat-x;
}
```

---

## CSS background-repeat: no-repeat

Showing the background image only once is also specified by the background-repeat property:

**Example**

Show the background image only once:

```
body{
  background-image: url("img_tree.png");
  background-repeat: no-repeat;
}
```

---

## CSS background-position

The background-position property is used to set the starting position of the background image.

By default, a background-image is placed at the top-left corner of an element.

Example

Position the background image in the top-right corner:

```
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):

### Example

Specify that the background image should be fixed:

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

### Example

Specify that the background image should scroll with the rest of the page:

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

---

## CSS background - Shorthand property

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

### Example

Use the shorthand property to set all the background properties in one declaration:

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

---