

Background Images

ART326

HTML

```

```

The img element



CSS

```
selector {
```

```
background-image: url("folder/image.jpg");
```

background-image

Image displays behind the element it is applied.

Background Images

Referenced through the CSS.

Every element on the page can have one.

By default, background images repeat.

<div>s need a width and a height.

*Include a background color, just in case your image fails to load!

On <body>: <http://htmlandcssbook.com/code-samples/chapter-16/background-image-body.html>

On <p>: <http://htmlandcssbook.com/code-samples/chapter-16/background-image-element.html>

background-repeat

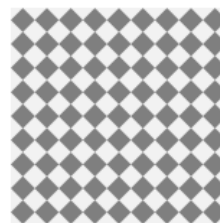
Specifies *whether* and *how* a background image will repeat.

repeat: default; repeated on x and y

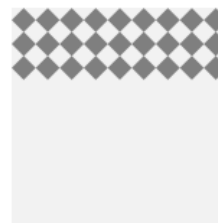
repeat-x: repeated horizontally

repeat-y: repeated vertically

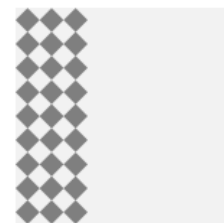
no-repeat: image only shown once



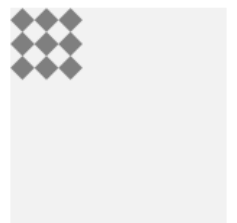
repeat



repeat-x



repeat-y



no-repeat

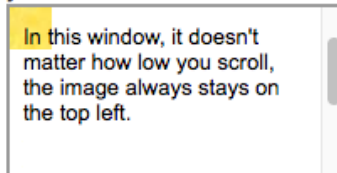
background-attachment

Specifies whether a background image should stay in one position or move as the user scrolls up and down the page.

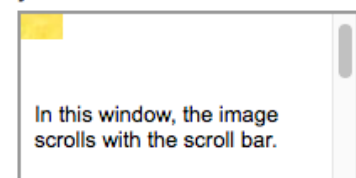
fixed: bg image stays in the same position on the page

scroll: default; bg image moves up and down as the user scrolls

```
body {background-attachment: fixed;  
background-image: url("yp.jpg");  
background-repeat: no-repeat;  
}
```



```
body {background-attachment: scroll;  
background-image: url("yp.jpg");  
background-repeat: no-repeat;  
}
```



background-size

Specifies the size of the background image.

Before CSS3, the background image size was determined by the actual size of the image.

Allows us to reuse the background image in different contexts.

```
div {
```

```
background:url(flower.gif);
```

```
background-size:80px 60px;
```

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

```
}
```

CSS Property:

background-size:
☐ auto
☐ 100px 100px
☐ 75px 75px
☐ 10px 150px
☐ 200px
☐ 50%
☐ 100% 100%
☒ cover
☐ contain
☐ initial

Result:


CSS Code:

```
div {  
  background-image:url('w3css.gif');  
  background-repeat:no-repeat;  
  background-size:cover;  
}
```

Click the property values above to see the result

W3Schools.com - Play it

background-position



Specifies where in the browser window the background image should be placed.

HORIZONTAL
|
`background-position: center top;`
|
VERTICAL

Notes: turn off repeating images;
entering one value causes the second to default to center

shorthand

Shorthand can be used to specify the following in one line.

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

background: #ffffff url("images/tulip.gif") no-repeat top right;

Multiple Background Images

CSS3 allows you to add several background images to one element.

```
body {  
  
    background-image: url(img_flwr.gif), url(img_tree .gif);  
    background-position: center bottom, left top;  
  
}
```

CSS + HTML Images

Allows for different looks and eases updating.

To wrap text around an image:

On image, float: left or right.

Padding: Space between image and border. Can use to create frames.

Borders: Can experiment with shadows.

https://www.w3schools.com/css/css3_images.asp