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Images

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Size and Width

Image is also a **box** as any other element
height and **width** properties can be used



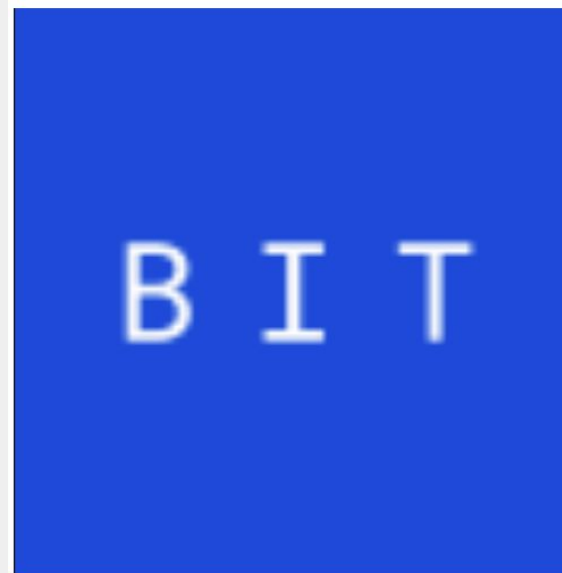
Alignment

Use **float** property to align images left and right

```
<p>  
    
  Lorem ipsum dolor sit amet...  
</p>
```

```
<p>  
    
  Lorem ipsum dolor sit amet...  
</p>
```

```
p:first-child > img {  
  width: 500px;  
  float: left;  
}  
  
p:last-child > img {  
  width: 125px;  
  float: right;  
}
```



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Center Image

Box centering is done using **margin**

Only **block** elements can be centered this way

```
img {  
  display: block;  
  margin: 0 auto;  
}
```



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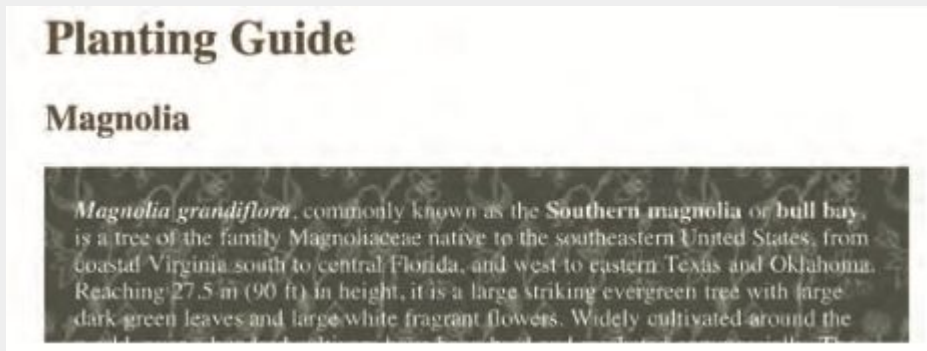
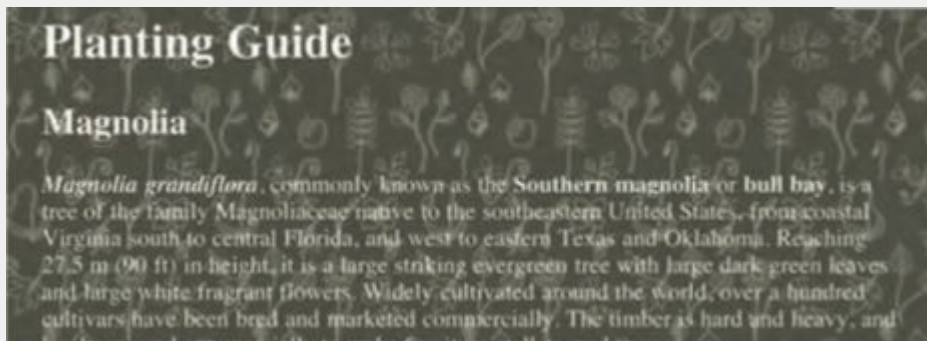
Exercise

Background

Set an image behind element content (including padding)

Use **background-image** property to achieve this

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



Repeating Background Image |

Repeating happens when bg image width is smaller than element width

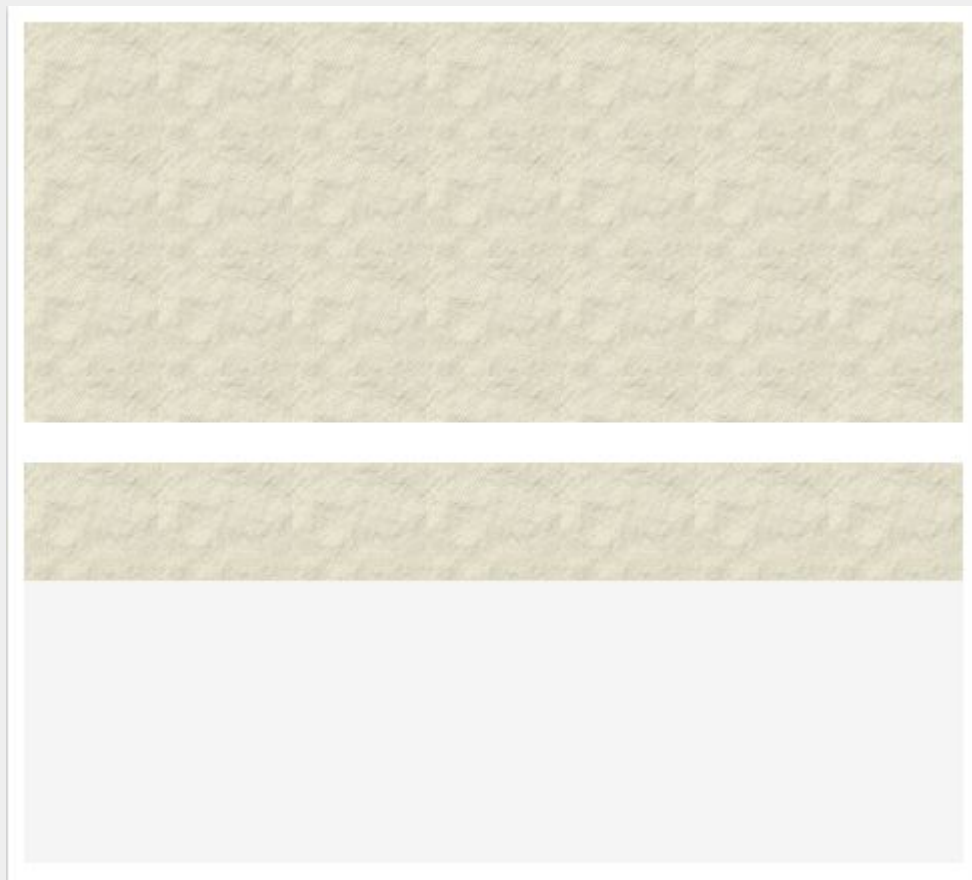
Use **background-repeat** to define behaviour for this case

Values for **background-repeat** property:

- **repeat** (default) - *both horizontally and vertically*
- **repeat-x** - *repeat only horizontally*
- **repeat-y** - *repeat only vertically*
- **no-repeat** - *don't repeat image*

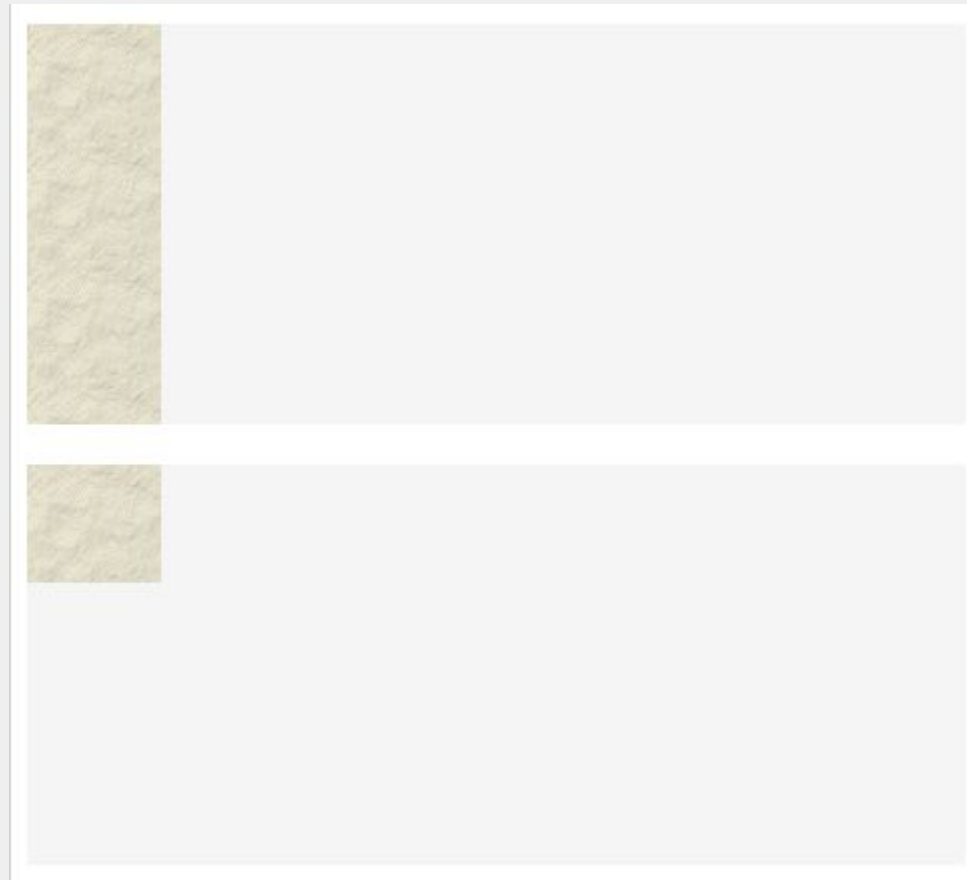
Repeating Background Image ||

repeat



repeat-x

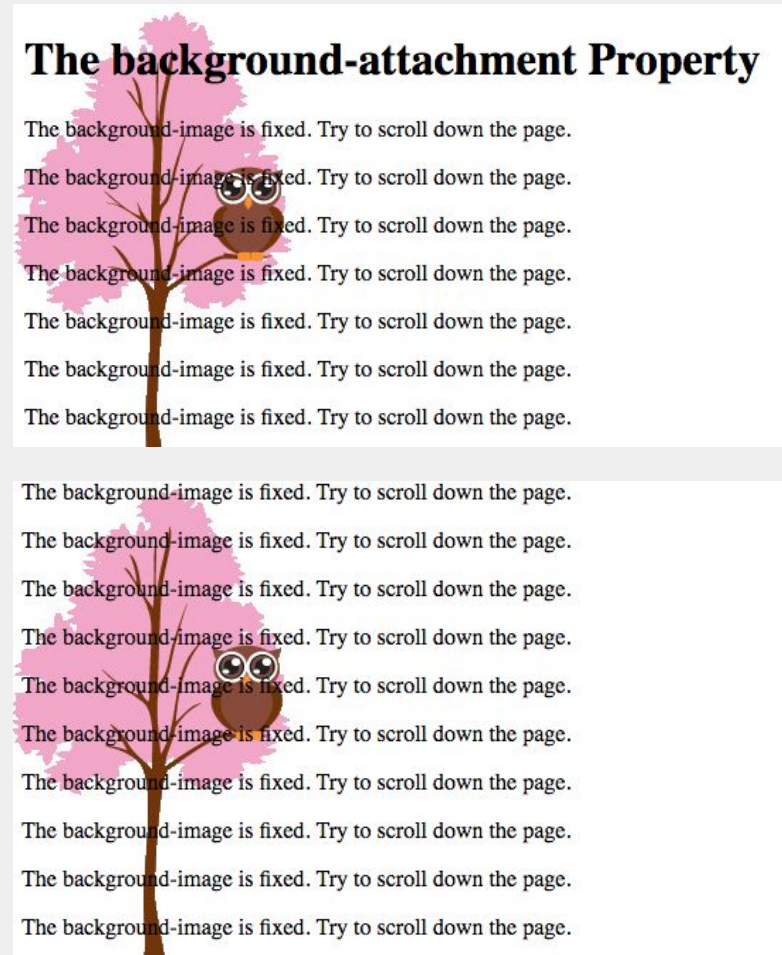
repeat-y



no-repeat

Use **background-attachment** to define this

- **scroll** (default) - *image moves on scroll*
- **fixed** - *image is fixed in the same position*



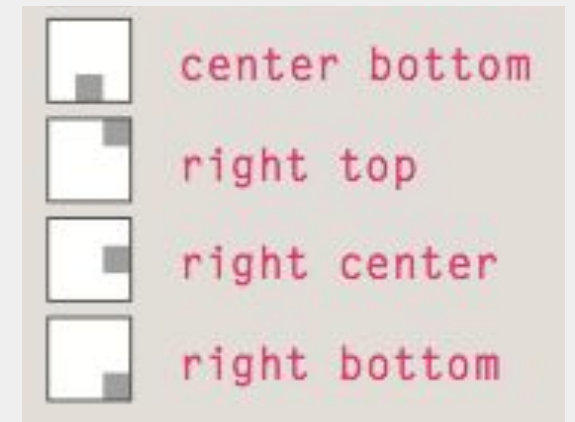
Position

Use **background-position** property to define where element's background image should be placed

It supports the following values:

- top
- bottom
- left
- right
- center
- ...px (offset inside element)
- ...% (offset inside element)

Usually takes a pair of values:



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Exercise

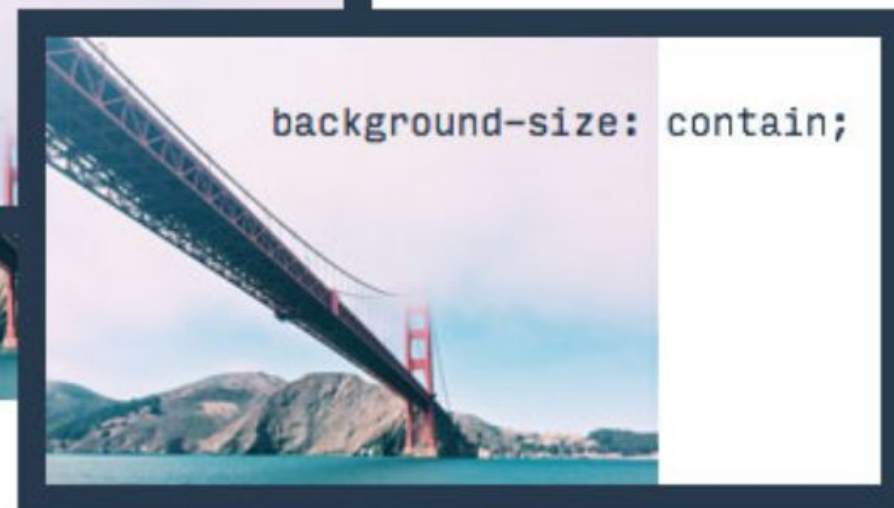
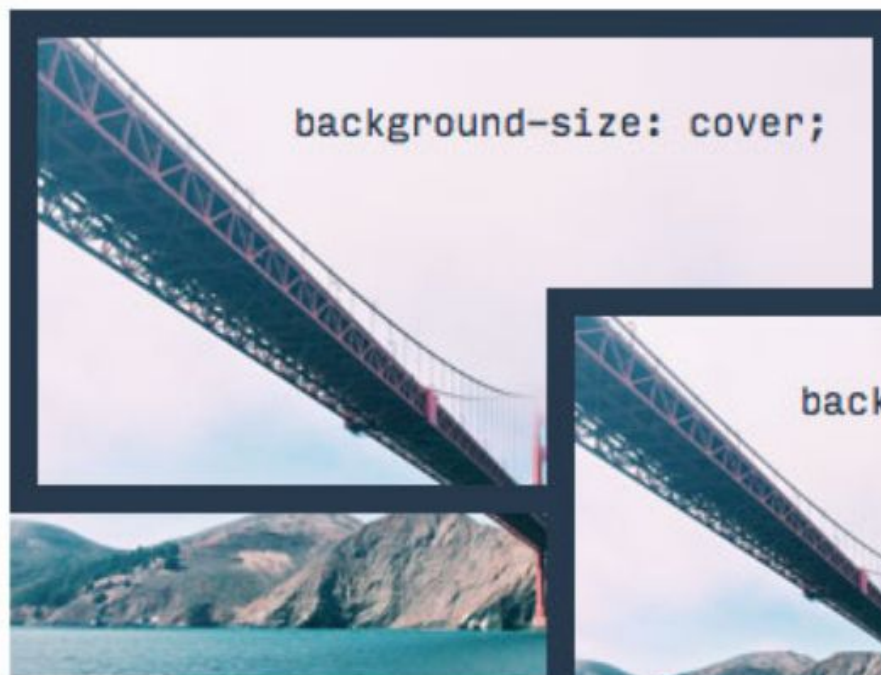
Size |

Way to define size of background image

background-size is one of the most useful properties

Supported values are:

- auto
- contain
- cover
- ...px
- ...%...



Size II

Multiple values can be provided

One value

It's applied on the width, and the height is set to auto.

Two values

First value is set as image width, and the second one is set as image height.

```
body {  
    background: url(greatimage.jpg);  
    background-size: 300px 100px;  
}
```

Shorthand Declaration

Use just **background** property to set all other properties

Shorthand for properties:

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

```
body {  
    background: #ffffff url(images/tulip.gif) no-repeat top right;  
}
```

Property can be omitted if not needed!

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Exercise

References

Background -

<https://css-tricks.com/almanac/properties/b/background/>

Position - <https://goo.gl/JQXPu9>

Size - <https://goo.gl/SxZC2q>

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