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CSS background-size Property

‹   Reference   ›

Example

Specify the size of a background-image with "auto" and in pixels:

```
#example1 {
  background: url(mountain.jpg);
  background-repeat: no-repeat;
  background-size: auto;
}

#example2 {
  background: url(mountain.jpg);
  background-repeat: no-repeat;
  background-size: 300px 100px;
}
```

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More "Try it Yourself" examples below.

Definition and Usage

The `background-size` property specifies the size of the background images.

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Show demo ❯

Default value:	auto	
Inherited:	no	
Animatable:	yes. Read about *animatable*	Try it
Version:	CSS3	
JavaScript syntax:	*object*.style.backgroundSize="60px 120px"	Try it

Browser Support

The numbers in the table specify the first browser version that fully supports the property.

Numbers followed by -webkit-, -moz-, or -o- specify the first version that worked with a prefix.

Property	🌐	🌐	🦊	🧭	⭕
background-size	4.0 1.0 -webkit-	9.0	4.0 3.6 -moz-	4.1 3.0 -webkit-	10.5 10.0 -o-

CSS Syntax

```
background-size: auto|length|cover|contain|initial|inherit;
```

Property Values

Value	Description	Demo

	value sets the width, the second value sets the height. If only one value is given, the second is set to "auto". Read about length units	Demo ❯
percentage	Sets the width and height of the background image in percent of the parent element. The first value sets the width, the second value sets the height. If only one value is given, the second is set to "auto"	Demo ❯
cover	Resize the background image to cover the entire container, even if it has to stretch the image or cut a little bit off one of the edges	Demo ❯
contain	Resize the background image to make sure the image is fully visible	Demo ❯
initial	Sets this property to its default value. Read about *initial*	
inherit	Inherits this property from its parent element. Read about *inherit*	

More Examples

Example

Specify the size of a background image with percent:

```
#example1 {
  background: url(mountain.jpg);
  background-repeat: no-repeat;
  background-size: 100% 100%;
}

#example2 {
  background: url(mountain.jpg);
  background-repeat: no-repeat;
  background-size: 75% 50%;
}
```

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Example

Specify the size of a background image with "cover":

```
#example1 {
  background: url(mountain.jpg);
  background-repeat: no-repeat;
  background-size: cover;
}
```

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Example

Specify the size of a background image with "contain":

```
#example1 {
  background: url(mountain.jpg);
  background-repeat: no-repeat;
  background-size: contain;
}
```

Try it Yourself »

Example

Here we have two background images. We specify the size of the first background image with "contain", and the second background-image with "cover":

```
#example1 {
  background: url(img_tree.gif), url(mountain.jpg);
  background-repeat: no-repeat;
  background-size: contain, cover;
}
```

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Example

Use different background properties to create a "hero" image:

```css
.hero-image {
  background-image: url("photographer.jpg"); /* The image used */
  background-color: #cccccc; /* Used if the image is unavailable */
  height: 500px; /* You must set a specified height */
  background-position: center; /* Center the image */
  background-repeat: no-repeat; /* Do not repeat the image */
  background-size: cover; /* Resize the background image to cover the
entire container */
}
```

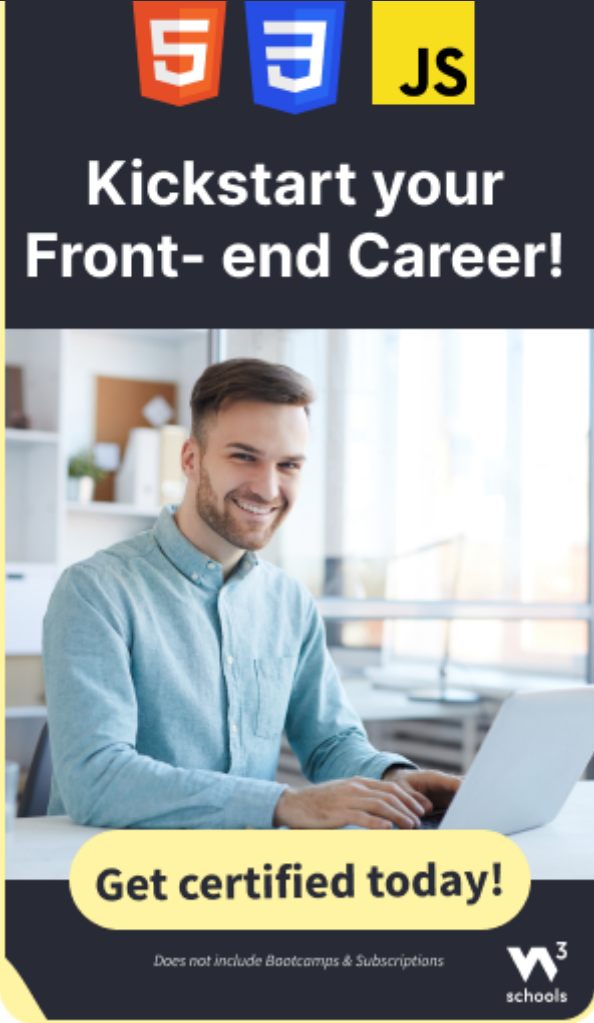Try it Yourself »

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