CSS background-position-x Property

Example

How to position a background-image on x-axis:

```
div {
  background-image: url('w3css.gif');
  background-repeat: no-repeat;
  background-position-x: center;
}
```

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More "Try it Yourself" examples below.

Definition and Usage

The `background-position-x` property sets the position of a background image on the x-axis.

Tip: By default, a background-image is placed at the top-left corner of an element, and repeated both vertically and horizontally.

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Default value:	0%	
Inherited:	no	
Animatable:	yes. Read about *animatable*	Try it
Version:	CSS3	
JavaScript syntax:	*object*.style.backgroundPositionX="center"	Try it

Browser Support

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

Property					
background-position-x	1.0	12.0	49.0	1.0	15.0
background-position-x (with two value syntax)	Not supported	Not supported	49.0	15.4	Not supported

CSS Syntax

```
background-position-x: value;
```

Property Values

Value	Description	Demo
left	Positions background left side on x-axis.	Demo ❯

x%	Left side is 0% on x-axis, and right side is 100%. Percentage value refers to width of background positioning area minus width of background image.	Demo ❯
xpos	Horizontal distance from left side. Units can be pixels (0px) or any other <u>CSS units</u>.	Demo ❯
xpos offset	Two value syntax, only supported in Firefox and Safari. - *xpos* is set either to "left" or "right". - *offset* is horizontal distance from background image and "left" or "right" side set with *xpos*. Units can be pixels or any other <u>CSS units</u>.	
initial	Sets this property to its default value. <u>Read about *initial*</u>	
inherit	Inherits this property from its parent element. <u>Read about *inherit*</u>	

More Examples

Example

How to position a background-image to the right:

```
body {
  background-image: url('w3css.gif');
  background-repeat: no-repeat;
  background-position-x: right;
}
```

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Example

How to position a background-image using percent:

```
    background-position-x: 30%;
}
```

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Example

How to position a background-image using pixels:

```css
body {
  background-image: url('w3css.gif');
  background-repeat: no-repeat;
  background-position-x: 150px;
}
```

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Example

Use different background properties to create a bacground image that covers its container:

```css
.hero-image {
  background-image: url("photographer.jpg"); /* The image used */
  background-color: #cccccc; /* Used if the image is unavailable */
  height: 300px; /* You must set a specified height */
  background-position-x: 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 »

CSS reference: background-image property

CSS reference: background-position property

CSS reference: background-position-y property

HTML DOM reference: backgroundPosition property

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