

# CSS transition Property

## Example

Hover over a <div> element to gradually change the width from 100px to 300px:

```
div {  
  width: 100px;  
  transition: width 2s;  
}  
  
div:hover {  
  width: 300px;  
}
```

More "Try it Yourself" examples below.

## Definition and Usage

The **transition** property is a shorthand property for:

- [transition-property](#)
- [transition-duration](#)
- [transition-timing-function](#)
- [transition-delay](#)

**Note:** Always specify the [transition-duration](#) property, otherwise the duration is 0s, and the transition will have no effect.

<b>Default value:</b>	all 0s ease 0s
<b>Inherited:</b>	no
<b>Animatable:</b>	no. <a href="#">Read about animatable</a>
<b>Version:</b>	CSS3






## JavaScript syntax:

```
object.style.transition="all 2s"
```

# 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					
transition	26.0 4.0 -webkit-	10.0	16.0 4.0 -moz-	6.1 3.1 -webkit-	12.1 10.5 -o-

# CSS Syntax

```
transition: property duration timing-function delay|initial|inherit;
```

# Property Values

Value	Description
<u><i>transition-property</i></u>	Specifies the name of the CSS property the transition effect is for
<u><i>transition-duration</i></u>	Specifies how many seconds or milliseconds the transition effect takes to complete
<u><i>transition-timing-function</i></u>	Specifies the speed curve of the transition effect
<u><i>transition-delay</i></u>	Defines when the transition effect will start
initial	Sets this property to its default value. <a href="#">Read about <i>initial</i></a>

inherit

Inherits this property from its parent element. [Read about \*inherit\*](#)

## More Examples

### Example

When an `<input type="text">` gets focus, gradually change the width from 100px to 250px:

```
input[type=text] {  
  width: 100px;  
  transition: width .35s ease-in-out;  
}  
  
input[type=text]:focus {  
  width: 250px;  
}
```