

CSS3

TRANSITIONS AND TRANSFORMS

TRANSITIONS

http://www.w3schools.com/cssref/css3_pr_transition.asp

http://www.w3schools.com/cssref/css3_pr_transition-duration.asp

http://www.w3schools.com/cssref/css3_pr_transition-timing-function.asp

http://www.w3schools.com/cssref/css3_pr_transition-delay.asp

```
transition: 1background-color 22s 3linear 40.5s
```

```
transition-property: background-color
```

```
transition-duration: 2s
```

```
transition-timing-function: linear
```

```
transition-delay: 0.5s
```

transition: ¹background-color ²2s ³linear ⁴0.5s

- 1. The CSS property to be transitioned. Many of the available properties can be animated. Can also be all if all given properties for an element should be transitioned, for example background-color and width at the same time. If set to none no transition is executed.
- 2. The transition lasts 2 seconds (the duration). Defaults to 0 meaning that there is no transition at all (like the normal behavior of a status change). Negative values are not allowed.
- 3. *Optional*. The timing-function, which describes how the transition will proceed over its duration.
- 4. *Optional*. The transition starts with a delay of 0.5 seconds. If not set or set to 0 it will begin immediately, if negative it will begin part-way through its play cycle.

Example

Multiple transitions set

```
transition: 1width 3s, 2opacity 2s 3s ease-in
```

Compatibility

-webkit-transition



transition



X Not supported by Internet Explorer prior to version 10 and Opera Mini. For detailed compatibility info see caniuse.com.

Firefox 16+ Safari 5+ Chrome 26+ Internet Explorer 10+ Opera 12.1+

iOS 3.2+ Android 2.1+ Blackberry 7+ IE Mobile 10+

TRANSFORMS

http://www.w3schools.com/cssref/css3_pr_transform.asp

http://www.w3schools.com/cssref/css3_pr_transform-origin.asp

http://www.w3schools.com/cssref/css3_pr_transform-style.asp

<http://www.webkit.org/blog-files/3d-transforms/transform-style.html>

- Transform: scale is used to scale elements
- Transform: rotate is used to rotate elements
- Transform: skew is used to skew, or tilt elements
- Transform: translate is used to move elements
- Transform: origin sets the origin for transformations of an element. Creates a new anchor point from which to start transforming. Default is center

Example

Multiple transformations combined

```
transform: rotate(133deg) scale(21.5)
```

Compatibility

-webkit-transform: rotate



-ms-transform: rotate



transform: rotate



✓ Not supported by Opera Mini. For detailed compatibility info see caniuse.com.

Firefox 16+

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