CSS Transitions

CSS transitions allows you to change property values smoothly, over a given duration.

**properties:**

* transition
* transition-delay
* transition-duration
* transition-property
* transition-timing-function

The transition-timing-function property specifies the speed curve of the transition effect.

The transition-timing-function property can have the following values:

* ease - specifies a transition effect with a slow start, then fast, then end slowly (this is default)
* linear - specifies a transition effect with the same speed from start to end
* ease-in - specifies a transition effect with a slow start
* ease-out - specifies a transition effect with a slow end
* ease-in-out - specifies a transition effect with a slow start and end
* cubic-bezier(n,n,n,n) - lets you define your own values in a cubic-bezier function

### [Simple example](https://developer.mozilla.org/en-US/docs/Web/CSS/transition-property#simple_example)

This example performs a four-second font size transition when the user hovers over the element, the transition-property is the font-size.

.target {

font-size: 14px;

transition-property: font-size;

transition-duration: 4s;

}

.target:hover {

font-size: 36px;

}

HTML

<a class="target">Hover over me</a>

# CSS transform Property

The transform property applies a 2D or 3D transformation to an element. This property allows you to rotate, scale, move, skew, etc., elements.

The transform property may be specified as either the keyword value none or as one or more <transform-function> values.

The transform-origin property allows you to change the position of transformed elements.

2D transformations can change the x- and y-axis of an element. 3D transformations can also change the z-axis of an element.

The transform-style property specifies how nested elements are rendered in 3D space.

### [Simple example](https://developer.mozilla.org/en-US/docs/Web/CSS/transition-property#simple_example)

CSS

div {

border: solid red;

transform: translate(30px, 20px) rotate(20deg);

width: 140px;

height: 60px;

}

HTML

<div>Transformed element</div>