

CSS Transitions

- description : CSS Transitions
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[CSS Transitions](#)

CSS Transitions

CSS transitions

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

How to Use CSS Transitions?

transition , 가

- CSS
- (duration)

Note: , transition 0 가 .

100px * 100px <div>
<div> 2 가 transition

Example

```
div {
  width: 100px;
```

```

height: 100px;
background: red;
transition: width 2s;
}

```

transition CSS ()
 가 <div>

Example

```

<title>The transition Property</title>
<style>
  div {
    width: 100px;
    height: 100px;
    background: red;
    transition: width 2s;
  }

  div:hover {
    width: 300px;
    /*          가2          100px   300px          */
  }
</style>
</head>

<body>

  <h1>The transition Property</h1>

  <p>Mouse over the div element below, to see the transtion effect:</p>
  <div></div>

  <p><b>Note:</b> This example does not work in Internet Explorer 9 and
  earlier versions.</p>

</body>

```

가 가 ,

Change Several Property Values

2 transition 가 4

Example

```

<style>
  div {
    width: 100px;
    height: 100px;
    background: crimson;
    transition: width 2s, height 4s;
    /*      :      2 ,      4 */
  }

  div:hover {
    width: 300px;
    /*      300px      */
    height: 300px;
    /*      300px      */
  }
</style>
</head>

<body>

  <h1>The transition Property</h1>

  <p>Hover over the div element below, to see the transition effect:</p>

  <div></div>

  <p><b>Note:</b> This example does not work in Internet Explorer 9 and
  earlier version.</p>

</body>

```

Specify the Speed Curve of the Transition

transition-timing-function transition (speed curve) .

transition-timing-function 가 .

- ease - slow start, then fast, then end slowly transition . ()
- linear - transition .
- ease-in - slow start transition .
- ease-out - slow end transition .
- ease-in-out - slow start slow-end transition .
- cubic-bezier(n,n,n,n) - 3 (cubic-bezier function)

Example

```
<title>The transition-timing-function Property</title>
<style>
  div {
    width: 100px;
    height: 100px;
    background: crimson;
    transition: width 2s;
  }

  #div1 {transition-timing-function: linear;}
  #div2 {transition-timing-function: ease;}
  #div3 {transition-timing-function: ease-in;}
  #div4 {transition-timing-function: ease-out;}
  #div5 {transition-timing-function: ease-in-out;}

  div:hover {
    width: 300px;
  }
</style>
</head>

<body>

  <h1>The transition-timing-function Property</h1>

  <p>Hover over the div element below, to see the different speed
  curves:</p>

  <div id="div1">linear</div><br>
  <div id="div2">ease</div><br>
  <div id="div3">ease-in</div><br>
  <div id="div4">ease-out</div><br>
  <div id="div5">ease-in-out</div><br>

  <p><b>Note:</b> This example does not work in Internet Explorer 9 and
  earlier versions.</p>

</body>
```

Delay the Transition Effect

transition-delay transition (delay)

Example

```

<style>
  div {
    width: 100px;
    height: 100px;
    background: crimson;
    transition: width 3s;
    transition-delay: 1s;
  }

  div:hover {
    width: 300px;
  }
</style>
</head>

<body>

  <h1>The transition-delay Property</h1>

  <p>Hover over the div element below, to see the transition effect:</p>

  <div></div>

  <p><b>Note:</b> The transition effect has a 1 second delay before
starting.</p>

  <p><b>Note:</b> This example does not work in Internet Explorer 9 and
earlier versions</p>

</body>

```

Transition+ Transformation

transformation() transition 가 .

Example

```

<title>Transition + Transform</title>
<style>
  div {
    width: 100px;
    height: 100px;
    background: brown;
    transition: width 2s, height 2s, transform 2s;
  }

```

```
div:hover {
  width: 300px;
  height: 300px;
  transform: rotate(180deg);
}
</style>
</head>

<body>

  <h1>Transition + Transform</h1>

  <p>Hover over the div element below:</p>

  <div></div>

  <p><b>Note:</b> This example does not work in Internet Explorer 9 and
  earlier versions.</p>

</body>
```

More Transition Examples

CSS transition

1

```
<title>The transition Properties Specified One by One</title>
<style>
  div {
    width: 100px;
    height: 100px;
    background: brown;
    transition-property: width;
    transition-duration: 2s;
    transition-timing-function: linear;
    transition-delay: 1s;
  }

  div:hover {
    width: 300px;
  }
</style>
</head>

<body>

  <h1>The transition Properties Specified One by One</h1>

  <p>Hover over the div element below, to see the transition effect:</p>
```

```

<div></div>

<p><b>Note:</b> The transition effect has a 1 second delay before
starting.</p>
<p><b>Note:</b> This example does not work in Internet Explorer 9 and
earlier versions.</p>

</body>

```

transition .

```

<title>Using The transition Shorthand Property</title>
<style>
  div {
    width: 100px;
    height: 100px;
    background: brown;
    transition: width 2s linear 1s;
  }

  div:hover {
    width: 300px;
  }
</style>
</head>

<body>

  <h1>Using The transition Shorthand Property</h1>

  <p>Hover over the div element below, to see the transition effect:</p>

  <div></div>

  <p><b>Note:</b> The transition effect has a 1 second delay before
starting.</p>

  <p><b>Note:</b> This example does not work in Internet Explorer 9 and
earlier versions.</p>

</body>

```

CSS Transition Properties

CSS transition .

Property	Description
transition	4 transition
transition-delay	transition () .
transition-duration	transition 가 .
transition-property	transition CSS .
transition-timing-function	transition (speed curve) .

„ [CSS](#), [Transitions](#)

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