Web Design

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Styling with Cascading Styles Sheets

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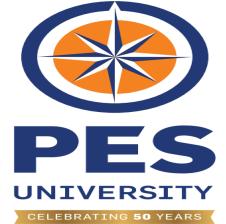Department of Computer Applications

- CSS3 transitions allows you to change property values smoothly (from one value to another), over a given period of time.

- **How to Use CSS3 Transitions?**

  o the CSS property you want to add an effect to

  o the duration of the effect

- The transition effect will start when the specified CSS property (width) changes value.
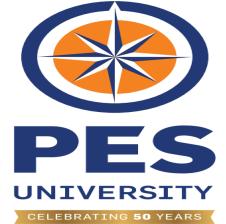
- **Syntax:**

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

The following properties:

1. transition : It shows how element changes gradually.

2. transition-delay :property specifies when the transition effect will start.

3. transition-duration: transition lasts for a specific time period.

4. 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

```
<!DOCTYPE html>
<html>
<head>
<style>
div {
  width: 100px;
  height: 100px;
  background: indigo;
  transition: width 2s;
 /* transition: width 2s, height 4s;*/
}

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

```
</head>
<body>

<h1>The transition Property</h1>

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

<div></div>

</body>
</html>
```

```html
<html>
<head>
<style>
div {
  width: 100px;
  height: 100px;
  background: green;
  transition: width 2s;
}
#d1 {transition-timing-function: linear;}
#d2 {transition-timing-function: ease;}
#d3 {transition-timing-function: ease-in;}
#d4 {transition-timing-function: ease-out;}
#d5 {transition-timing-function: ease-in-out;}

div:hover
{
  width: 350px;
}
</style>
</head>
<body>

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

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

<div id="d1">linear: same speed from start to end.</div><br>
<div id="d2">ease: slow start then fast and slow end. </div><br>
<div id="d3">ease-in: transition effect with slow start. </div><br>
<div id="d4">ease-out: transition effect with slow end.</div><br>
<div id="d5">ease-in-out: transition effect with slow  start and end.</div><br>
</body>
</html>
```

THANK YOU

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