

## 28) Transitions

Allows you to change property values smoothly over a given duration.

Properties Transition

Transition-delay  
Transition-duration

Transition-property  
Transition-timing-function

How to use CSS Transitions? → Specify timings

There's property you want to add an effect to  
Duration of the effect.

Note: If duration part not specified  
→ Transition have no effect

Transition effect will start when specified CSS property (width) change value.

became default value → 0

### Transition HTML

```

<!DOCTYPE html>
<html>
  <head>
    <style>
      div {
        width: 100px;
        height: 100px;
        background-color: #aqua;
        transition-duration: 2s;
        position: relative;
      }
    </style>
  </head>
  <body>
    <div>Ami</div>
  </body>
</html>

```

1\* After hovering over the element directly screening out 500px without applying transition!

```

div: hover {
  width: 500px;
}
</style>
<head>
  <body>
    <div>Ami</div>
  </body>
</html>

```

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### Transition - multiple values and

```

<!DOCTYPE html>
<html>
  <head>
    <style>
      div {
        width: 100px;
        height: 100px;
        background-color: #aqua;
        transition: width 2s height 2s;
        transition-duration: 2s;
        position: relative;
      }
      div: hover {
        width: 500px;
        height: 500px;
      }
    </style>
  </head>
  <body>
    <div>Ami</div>
  </body>
</html>

```



## 180) Transition-timing-function

The properties are same as (animation-timing-function) (pg no 115)

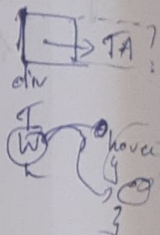
\* Transition-delay: specifies delay (in seconds) for transition effect.

Eg 3) Transition-delay-name

```

<!DOCTYPE html>
<html>
  <head>
    <style>
      div {
        width: 100px;
        height: 100px;
        background-color: orange;
        transition-duration: 2s;
        transition-delay: 1s;
      }
      div:hover {
        width: 500px;
      }
    </style>
  </head>
  <body>
    <div> </div>
  </body>
</html>

```



Eg 4) Transition-property

transition: property duration timing-function delay initial/inherit;

Eg 5) Transition-property

- 1) Specify the name of css property the transition effect is for.
- 2) Always specify transition-duration property otherwise duration is 0

3) Values - none - property - inherit  
all - initial  
default

```

<!DOCTYPE html>
<html>
  <head>
    <style>
      div {
        width: 100px;

```

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```

height: 100px;
background-color: #aqua;
transition-property: background-color, width, height;
transition-duration: 2s;
}

```

```

div: hover {

```

```

    background-color: #f0e68c;

```

```

    width: 100px;

```

```

    height: 100px;

```

/\* The property given to have transition effect should have same property name as given above \*/

```

}

```

```

</style>

```

```

</head>

```

```

<body>

```

```

    <div> div1 </div>

```

```

</body>

```

```

</html>

```

## eg 67 Transition shorthand html

eg 67

```

<!DOCTYPE html>

```

```

<html>

```

```

  <head>

```

```

    <style>

```

```

      div {

```

```

        width: 100px;

```

```

        height: 100px;

```

```

        background-color: #aqua;

```

```

        color: initial;

```

```

        transition: height 2s ease,

```

```

                    width 2s ease,

```

```

                    background-color 2s ease;

```

```

      }

```

} multiple

```

    div: hover {

```

```

        background-color: #black;

```

```

        width: 500px;

```

```

        height: 200px;

```

```

        color: #white;

```

```

    }

```

```

  </style>

```

```

</head>

```

```

<body>

```

```

    <div> div1 </div>

```

```

</body>

```

```

</html>

```



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Eg 27 {!DOCTYPE html}

<html>

<head>

<style>

div {

width: 100px;

height: 100px;

background-color: #blue;

transition: width 3s ease 1s;

}

div: hover {

width: 300px;

}

</style>

</head>

<body>

<div> Ani </div>

</body>

</html>