

CSS Transition Property 🎨 ✨

The **CSS transition** property is used to smoothly animate changes in CSS properties. Instead of instant changes, transitions create a smooth and modern user experience without using JavaScript.

📌 What is a Transition?

A transition allows a CSS property to change ****gradually over a specified duration**** when triggered by events like ``hover``, ``focus``, or ``active``.

Examples:

- Button color changes smoothly on hover
- Card lifts smoothly when hovered

🧠 Why Use Transitions?

- ✓ Improves UI/UX
- ✓ Makes interfaces interactive
- ✓ Lightweight and simple
- ✓ No JavaScript required

◆ Transition Shorthand Syntax

transition: property duration timing-function delay;

1 transition-property

transition-property: all;
transition-property: width;
transition-property: height;
transition-property: opacity;
transition-property: transform;
transition-property: background-color;
transition-property: color;

2 transition-duration

transition-duration: 0.2s;
transition-duration: 0.3s;
transition-duration: 0.5s;
transition-duration: 1s;
transition-duration: 200ms;

3 transition-timing-function

transition-timing-function: ease;
transition-timing-function: linear;
transition-timing-function: ease-in;
transition-timing-function: ease-out;
transition-timing-function: ease-in-out;
transition-timing-function: cubic-bezier(0.4, 0, 0.2, 1);

transition-delay

transition-delay: 0s;

transition-delay: 0.2s;

transition-delay: 0.5s;

transition-delay: 300ms;