



HTML

Input types

A Comprehensive Guide

Swipe →

Introduction

In HTML, the `<input>` element is used to create various types of form controls that allow users to input data.

A comprehensive set of input tags in HTML caters to diverse user interactions within web forms.

Each input tag represents a unique data entry or selection method, offering a varied and distinct approach to user input.

1. Text Input (<input type="text"/>)

This creates a single-line text input field where users can type alphanumeric characters.

2. Password Input (<input type="password"/>)

Similar to the text input, but the entered characters are masked for security. This is used for entering passwords.

3. Number Input (<input type="number"/>)

Creates a field for numerical input. You can also set attributes like min and max to define a range.

4. Range Input (<input type="range"/>)

Similar to the number input but provides a slider interface for selecting a value within a specified range.

5. Checkbox Input (<input type="checkbox"/>)

This creates a checkbox that users can either check or leave unchecked. It's often used for multiple choices.

6. Radio Input (<input type="radio"/>)

This allows users to choose one option from a set of predefined options.

7. Date Input (<input type="date"/>)

This allows users to pick a date from a calendar. The input is validated to ensure a valid date format.

8. Time Input (<input type="time"/>)

It is similar to the date input, but specifically for selecting a time.

9. File Input (<input type="file"/>)

It creates a file upload button, allowing users to upload files from their local devices.

10. Color Input (<input type="color"/>)

It presents a color picker, allowing users to choose a color. The selected color is represented in hexadecimal format.

11. Submit Button (<input type="submit"/>)

It represents a button that, when clicked, submits a form to the server.

12. Reset Input (<input type="reset"/>)

It resets all form elements to their default values.

13. Search Input (<input type="search"/>)

Represents a search box, often with a magnifying glass icon. It can be used for searching within a webpage or submitting search queries to a server.

14. Hidden Input (<input type="hidden"/>)

This input type is not displayed on the web page but can hold a value that is sent to the server when the form is submitted.

These are just some examples, and HTML supports various other input types and attributes. The specific behavior and appearance of these input types may vary depending on the browser and platform.

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