

HTML – Input Types

Input Type: text

- **`<input type="text">`** defines a one-line input field for **text input**:

Example:

```
<form>
```

```
  First name:<br>
```

```
  <input type="text" name="firstname"><br>
```

```
  Last name:<br>
```

```
  <input type="text" name="lastname">
```

```
</form>
```

First name:

Last name:

Submit

Input Type: password

- `<input type="password">` defines a **password field**:

Example

```
<form>
```

```
  User name:<br>
```

```
  <input type="text" name="username"><br>
```

```
  User password:<br>
```

```
  <input type="password" name="psw">
```

```
</form>
```

User name:

User password:

Input Type: submit

- **<input type="submit">** defines a button for **submitting** form input to a **form-handler**.
- The form-handler is typically a server page with a script for processing input data.
- The form-handler is specified in the form's action attribute:

Example

```
<form action="action_page.php">  
  First name:<br>  
  <input type="text" name="firstname" value="Mickey"><br>  
  Last name:<br>  
  <input type="text" name="lastname" value="Mouse"><br><br>  
  <input type="submit" value="Submit">  
</form>
```

Input Type: radio

- **`<input type="radio">`** defines a **radio button**.
- Radio buttons let a user select **ONLY ONE** of a limited number of choices:

Example

```
<form>
```

```
  <input type="radio" name="gender" value="male" checked> Male
```

```
<br>
```

```
  <input type="radio" name="gender" value="female"> Female<br>
```

```
  <input type="radio" name="gender" value="other"> Other
```

```
</form>
```

☒ Male
☐ Female
☐ Other

Input Type: checkbox

- **`<input type="checkbox">`** defines a **checkbox**.
- Checkboxes let a user select ZERO or MORE options of a limited number of choices.

Example

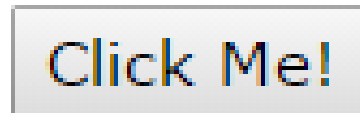
```
<form>  
  <input type="checkbox" name="vehicle1" value="Bike"> I have a bike<br>  
  <input type="checkbox" name="vehicle2" value="Car"> I have a car  
</form>
```

☐ I have a bike

☐ I have a car

Input Type: button

- `<input type="button">` defines a **button**:
- Example
- `<input type="button" onclick="alert('Hello World!')" value="Click Me!">`



Input Type: number

- The **<input type="number">** is used for input fields that should contain a numeric value.
- You can set restrictions on the numbers.
- Depending on browser support, the restrictions can apply to the input field.

Example

<form>

Quantity (between 1 and 5):

<input type="number" name="quantity" min="1" max="5">

</form>

Quantity (between 1 and 5):

Input Type: date

- The **<input type="date">** is used for input fields that should contain a date.
- Depending on browser support, a date picker can show up in the input field.

Example

<form>

 Birthday:

</form>

Birthday:

July, 2016 ▾

Mon	Tue	Wed	Thu	Fri	Sat	Sun
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Input Type: color

- The `<input type="color">` is used for input fields that should contain a color.
- Depending on browser support, a color picker can show up in the input field.

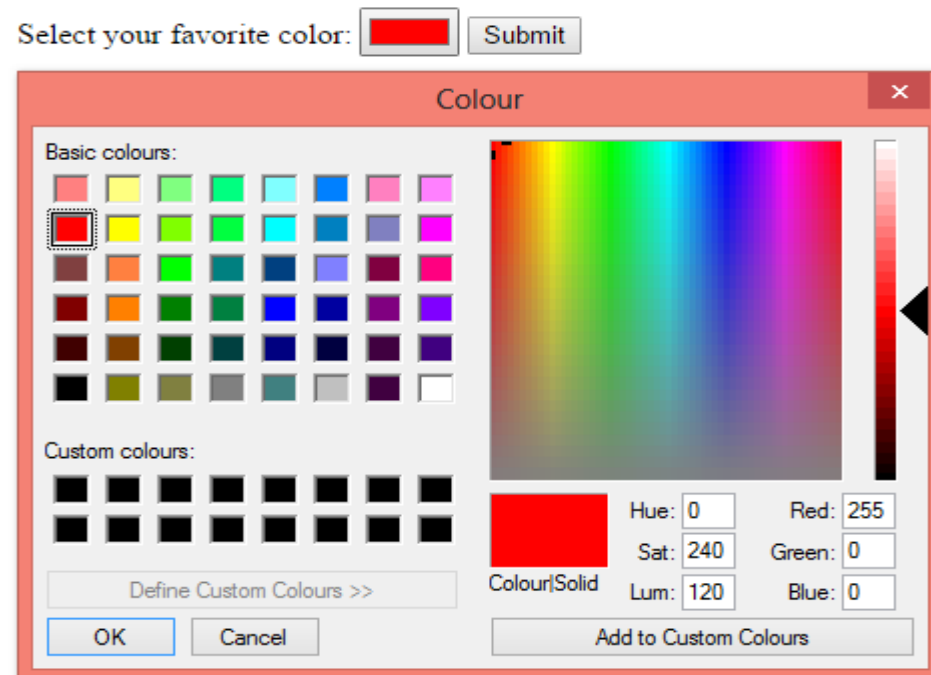
Example

`<form>`

Select your favorite color:

`<input type="color" name="favcolor">`

`</form>`



Input Type: range

- The **<input type="range">** is used for input fields that should contain a value within a range.
- Depending on browser support, the input field can be displayed as a slider control.

Example

<form>

```
<input type="range" name="points" min="0" max="10">
```

</form>



Input Type: month

- The `<input type="month">` allows the user to select a month and year.
- Depending on browser support, a date picker can show up in the input field.

Example

`<form>`

 Birthday (month and year):

`</form>`

Birthday (month and year):

July, 2016

Mon	Tue	Wed	Thu	Fri	Sat	Sun
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Input Type: time

- The `<input type="time">` allows the user to select a time (no time zone).
- Depending on browser support, a time picker can show up in the input field.

Example

```
<form>
```

Select a time:

```
<input type="time" name="usr_time">
```

```
</form>
```

Select a time:

Input Type: datetime-local

- The `<input type="datetime-local">` allows the user to select a date and time (no time zone).
- Depending on browser support, a date picker can show up in the input field.

Example

`<form>`

 Birthday (date and time):

`</form>`

Birthday (date and time): 07-07-2016 04:04 x ▾ Send

July, 2016 ◻ ◂ ◃

Mon	Tue	Wed	Thu	Fri	Sat	Sun
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Input Type: email

- The **<input type="email">** is used for input fields that should contain an e-mail address.
- Depending on browser support, the e-mail address can be automatically validated when submitted.
- Some smartphones recognize the email type, and adds ".com" to the keyboard to match email input.

Example


```
<form>
```

E-mail:

```
<input type="email" name="email">
```

```
</form>
```

E-mail:

 Please include an '@' in the email address. 'praba.ssn' is missing an '@'.

Input Type: url

- The **<input type="url">** is used for input fields that should contain a URL address.
- Depending on browser support, the url field can be automatically validated when submitted.
- Some smartphones recognize the url type, and adds ".com" to the keyboard to match url input.

Example

```
<form>
```

Add your homepage:

```
<input type="url" name="homepage">
```

```
</form>
```



A screenshot of a web form. The form has a label "Add your homepage:" followed by a text input field containing "www.ssn.net". To the right of the input field is a "Submit" button. Below the input field, a yellow warning message box is displayed with an exclamation mark icon and the text "Please enter a URL.".