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): 1

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:
    <input type="date" name="bday">
</form>

Input Type: color

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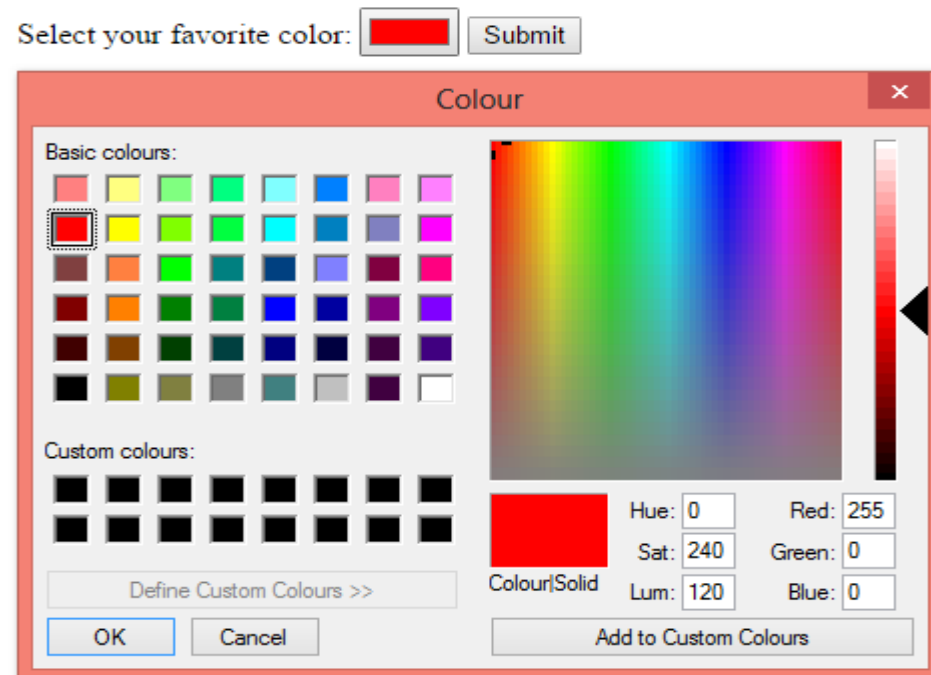- Depending on browser support, a color picker can show up in the input field.

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>
```


Points: [_____|___] Submit

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):
    <input type="month" name="bdaymonth">
</form>

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: 11:05 X ▲▼ Submit

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):
    <input type="datetime-local" name="bdaytime">
</form>

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>

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>