



HTML <input> Tag

« Previous Complete HTML Reference Next »

Example

An HTML form with three input fields; two text fields and one submit button:

```
<form action="demo_form.asp">
  First name: <input type="text" name="fname"><br>
  Last name: <input type="text" name="lname"><br>
  <input type="submit" value="Submit">
</form>
```

Try it Yourself »

Definition and Usage

The <input> tag specifies an input field where the user can enter data.

<input> elements are used within a <form> element to declare input controls that allow users to input data.

An input field can vary in many ways, depending on the type attribute.

Browser Support

Element					
<input>	Yes	Yes	Yes	Yes	Yes

Tips and Notes

Note: The <input> element is empty, it contains attributes only.

Tip: Use the <label> element to define labels for <input> elements.

Differences Between HTML 4.01 and HTML5

The "align" attribute is not supported in HTML5.

In HTML5, the <input> tag has several new attributes, and the type attribute has several new values.

Differences Between HTML and XHTML

In HTML, the <input> tag has no end tag.

In XHTML, the <input> tag must be properly closed, like this <input />.

Attributes

= New in HTML5.

Attribute	Value	Description
<u>accept</u>	<i>file_extension</i> audio/* video/* image/* <i>media_type</i>	Specifies the types of files that the server accepts (only for type="file")
<u>align</u>	left right top middle bottom	Not supported in HTML5. Specifies the alignment of an image input (only for type="image")
<u>alt</u>	<i>text</i>	Specifies an alternate text for images (only for type="image")
<u>autocomplete</u>	on off	Specifies whether an <input> element should have autocomplete enabled
<u>autofocus</u>	autofocus	Specifies that an <input> element should automatically get focus when the page loads
<u>checked</u>	checked	Specifies that an <input> element should be pre-selected when the page loads (for type="checkbox" or type="radio")
<u>dirname</u>	<i>inputname.dir</i>	Specifies that the text direction will be submitted
<u>disabled</u>	disabled	Specifies that an <input> element should be disabled
<u>form</u>	<i>form_id</i>	Specifies one or more forms the <input> element belongs to
<u>formaction</u>	<i>URL</i>	Specifies the URL of the file that will process the input control when the form is submitted (for type="submit" and type="image")
<u>formenctype</u>	application/x-www-form-urlencoded multipart/form-data text/plain	Specifies how the form-data should be encoded when submitting it to the server (for type="submit" and type="image")
<u>formmethod</u>	get post	Defines the HTTP method for sending data to the action URL (for type="submit" and type="image")
<u>formnovalidate</u>	formnovalidate	Defines that form elements should not be validated when submitted
<u>formtarget</u>	_blank _self _parent _top <i>framename</i>	Specifies where to display the response that is received after submitting the form (for type="submit" and type="image")
<u>height</u>	<i>pixels</i>	Specifies the height of an <input> element (only for type="image")
<u>list</u>	<i>datalist_id</i>	Refers to a <datalist> element that contains pre-defined options for an <input> element
<u>max</u>	<i>number</i> <i>date</i>	Specifies the maximum value for an <input> element
<u>maxlength</u>	<i>number</i>	Specifies the maximum number of characters allowed in an <input> element
<u>min</u>	<i>number</i> <i>date</i>	Specifies a minimum value for an <input> element
<u>multiple</u>	multiple	Specifies that a user can enter more than one value in an <input> element
<u>name</u>	<i>text</i>	Specifies the name of an <input> element
<u>pattern</u>	<i>regex</i>	Specifies a regular expression that an <input> element's value is checked against
<u>placeholder</u>	<i>text</i>	Specifies a short hint that describes the expected value of an <input> element
<u>readonly</u>	readonly	Specifies that an input field is read-only
<u>required</u>	required	Specifies that an input field must be filled out before submitting the form
<u>size</u>	<i>number</i>	Specifies the width, in characters, of an <input> element
<u>src</u>	<i>URL</i>	Specifies the URL of the image to use as a submit button (only for type="image")
<u>step</u>	<i>number</i>	Specifies the legal number intervals for an input field
<u>type</u>	button checkbox color date datetime datetime-local email file hidden image month number password radio range reset search submit tel text time url week	Specifies the type <input> element to display
<u>value</u>	<i>text</i>	Specifies the value of an <input> element
<u>width</u>	<i>pixels</i>	Specifies the width of an <input> element (only for type="image")

Global Attributes

The <input> tag also supports the [Global Attributes in HTML](#).

Event Attributes

The <input> tag also supports the [Event Attributes in HTML](#).

Related Pages

HTML tutorial: [HTML Forms](#)

HTML DOM reference:

- [Input Button Object](#)
- [Input Checkbox Object](#)
- [Input Color Object](#)
- [Input Date Object](#)
- [Input Datetime Object](#)
- [Input DatetimeLocal Object](#)
- [Input Email Object](#)
- [Input FileUpload Object](#)
- [Input Hidden Object](#)
- [Input Image Object](#)
- [Input Month Object](#)
- [Input Number Object](#)
- [Input Password Object](#)
- [Input Range Object](#)
- [Input Radio Object](#)
- [Input Reset Object](#)
- [Input Search Object](#)
- [Input Submit Object](#)
- [Input Text Object](#)
- [Input Time Object](#)
- [Input URL Object](#)
- [Input Week Object](#)

Default CSS Settings

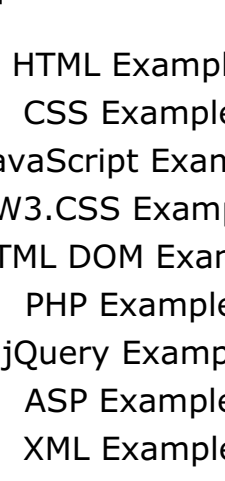
None.

« Previous Complete HTML Reference Next »

W3SCHOOLS EXAMS

HTML, CSS, JavaScript, PHP, jQuery, Bootstrap and XML Certifications

COLOR PICKER



LEARN MORE:

- Color Converter
- Google Maps
- Animated Buttons
- Modal Boxes
- Modal Images
- Tooltips
- Loaders
- JS Animations
- Progress Bars
- Dropdowns
- Slideshow
- Side Navigation
- HTML Includes
- Color Palettes
- Code Coloring

SHARE THIS PAGE



Top 10 Tutorials

- HTML Tutorial
- CSS Tutorial
- JavaScript Tutorial
- W3.CSS Tutorial
- Bootstrap Tutorial
- SQL Tutorial
- PHP Tutorial
- jQuery Tutorial
- Angular Tutorial
- XML Tutorial

Top 10 References

- HTML Reference
- CSS Reference
- JavaScript Reference
- W3.CSS Reference
- Browser Statistics
- PHP Reference
- HTML Colors
- HTML Character Sets
- jQuery Reference
- AngularJS Reference

Top 10 Examples

- HTML Examples
- CSS Examples
- JavaScript Examples
- W3.CSS Examples
- HTML DOM Examples
- PHP Examples
- jQuery Examples
- ASP Examples
- XML Examples
- SVG Examples

Web Certificates

- HTML Certificate
- HTML5 Certificate
- CSS Certificate
- JavaScript Certificate
- jQuery Certificate
- PHP Certificate
- Bootstrap Certificate
- XML Certificate

