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# HTML <input> Tag

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## Example

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

```
<form action="/action_page.php">  
  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

### COLOR PICKER



### HOW TO

Tabs  
Dropdowns

<input>	Yes	Yes	Yes	Yes	Yes
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Animated Buttons

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## 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
<a href="#">accept</a>	<i>file_extension</i> audio/* video/* image/* <i>media_type</i>	Specifies the types of files that the server accepts (only for type="file")



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	right top middle bottom	Specifies the alignment of an image input (only for type="image")
<u>alt</u>	text	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>	inputname.dir	Specifies that the text direction will be submitted
<u>disabled</u>	disabled	Specifies that an <input> element should be disabled
<u>form</u>	form_id	Specifies one or more forms the <input> element belongs to
<u>formaction</u>	URL	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	Specifies where to display the response that is received after submitting the form (for type="submit" and type="image")



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<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>regexp</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-local	Specifies the type <input> element to display

<div><div>&lt;div&gt;</div><div>&lt;dl&gt;</div><div>&lt;dt&gt;</div><div>&lt;em&gt;</div><div>&lt;embed&gt;</div><div>&lt;fieldset&gt;</div><div>&lt;figcaption&gt;</div><div>&lt;figure&gt;</div><div>&lt;font&gt;</div><div>&lt;footer&gt;</div><div>&lt;form&gt;</div><div>&lt;frame&gt;</div><div>&lt;frameset&gt;</div><div>&lt;h1&gt; - &lt;h6&gt;</div><div>&lt;head&gt;</div><div>&lt;header&gt;</div><div>&lt;hr&gt;</div><div>&lt;html&gt;</div><div>&lt;i&gt;</div><div>&lt;iframe&gt;</div><div>&lt;img&gt;</div><div>&lt;input&gt;</div><div>&lt;ins&gt;</div><div>&lt;kbd&gt;</div><div>&lt;label&gt;</div><div>&lt;legend&gt;</div><div>&lt;li&gt;</div><div>&lt;link&gt;</div><div>&lt;main&gt;</div><div>&lt;map&gt;</div><div>&lt;mark&gt;</div><div>&lt;menu&gt;</div><div>&lt;menuitem&gt;</div><div>&lt;meta&gt;</div><div>&lt;meter&gt;</div><div>&lt;nav&gt;</div><div>&lt;pre&gt;</div></div>	<div>hidden</div> <div>image</div> <div>month</div> <div>number</div> <div>password</div> <div>radio</div> <div>range</div> <div>reset</div> <div>search</div> <div>submit</div> <div>tel</div> <div>text</div> <div>time</div> <div>url</div> <div>week</div>	
<div><div><div><div><u>value</u></div></div></div></div>	<div>text</div>	<div>Specifies the value of an &lt;input&gt; element</div>
<div><div><div><div><u>width</u></div></div></div></div>	<div>pixels</div>	<div>Specifies the width of an &lt;input&gt; element (only for type="image")</div>

## 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](#)



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## Default CSS Settings

None.

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