

HTML5: Input types

HTML5 has several new input types for forms.

- > email
- > url
- > number
- > range
- > date pickers (date, month, week, time, datetime, datetime-local)
- > search
- > color

HTML5: Input types

Input type	IE	Firefox	Opera	Chrome	Safari
email	No	No	9.0	No	No
url	No	No	9.0	No	No
number	No	No	9.0	7.0	No
range	No	No	9.0	4.0	4.0
Date pickers	No	No	9.0	No	No
search	No	No	11.0	No	No
color	No	No	11.0	No	No

Note: Opera has the best support for the new input types. However, you can already start using them in all major browsers. If they are not supported, they will behave as regular text fields.

Common Input tag attributes-HTML5

Attribute	Description
disabled	Specifies that an input field should be disabled
max	Specifies the maximum value for an input field (HTML5)
maxlength	Specifies the maximum number of character for an input field
min	Specifies the minimum value for an input field(HTML5)
pattern	Specifies a regular expression to check the input value against(HTML5)
readonly	Specifies that an input field is read only (cannot be changed)
required	Specifies that an input field is required (must be filled out) (HTML5)
size	Specifies the width (in characters) of an input field
step	Specifies the legal number intervals for an input field(HTML5)
value	Specifies the default value for an input field

Common Input tag attributes-HTML5

Attribute	Description
autocomplete	specifies whether a form or input field should have autocomplete on or off.
placeholder	specifies a hint that describes the expected value of an input field (a sample value or a short description of the format).
autofocus	specifies that the input field should automatically get focus when the page loads.
multiple	specifies that the user is allowed to enter more than one value
formaction	
formenctype	
formmethod	
formtarget	

HTML5: Input - e-mail

The email type is used for input fields that should contain an e-mail address.

The value of the email field is automatically validated when the form is submitted.

E-mail: `<input type="email" name="user_email">`

Tip: Safari on the iPhone recognizes the email input type, and changes the on-screen keyboard to match it (adds @ and .com options).

HTML5: Input - url

The url type is used for input fields that should contain a URL address.

The value of the url field is automatically validated when the form is submitted.

Homepage: `<input type="url" name="user_url">`

Tip: Safari on the iPhone recognizes the url input type, and changes the on-screen keyboard to match it (adds .com option).

HTML5: Input - number

The number type is used for input fields that should contain a numeric value.

Set restrictions on what numbers are accepted:

Points: `<input type="number" name="points" min="1" max="10" />`

Attribute	Value	Description
max	<i>number</i>	Specifies the maximum value allowed
min	<i>number</i>	Specifies the minimum value allowed
step	<i>number</i>	Specifies legal number intervals (if step="3", legal numbers could be -3,0,3,6, etc)
value	<i>number</i>	Specifies the default value

HTML5: Input - range

The range type is used for input fields that should contain a value from a range of numbers.

The range type is displayed as a slider bar.

You can also set restrictions on what numbers are accepted:

```
<input type="range" name="points" min="1" max="10"  
/>
```


HTML5: Input – date pickers

HTML5 has several new input types for selecting date and time:

- > date - Selects date, month and year
- > month - Selects month and year
- > week - Selects week and year
- > time - Selects time (hour and minute)
- > datetime - Selects time, date, month and year
- > datetime-local - Selects time, date, month and year (local time)

HTML5: Input - search

The search type is used for search fields like a site search or Google search.

The search field behaves like a regular text field.

HTML5: Input – color picker

The color type is used for input fields that should contain a color.

This input type will allow you to select a color from a color picker:

Color: `<input type="color" name="user_color" />`

HTML5: Input - form

HTML5 has several new elements and attributes for forms.

- > datalist
- > keygen
- > output

Attribute	IE	Firefox	Opera	Chrome	Safari
datalist	No	No	9.5	No	No
keygen	No	No	10.5	3.0	No
output	No	No	9.5	No	No

HTML5: Form elements

The *datalist* element specifies a list of options for an input field. The list is created with option elements inside the datalist.

The purpose of the *keygen* element is to provide a secure way to authenticate users.

The *output* element is used for different types of output, like calculations or script output:

HTML5: Form attributes

Attribute	IE	Firefox	Opera	Chrome	Safari
autocomplete	8.0	3.5	9.5	3.0	4.0
autofocus	No	No	10.0	3.0	4.0
form	No	No	9.5	No	No
form overrides	No	No	10.5	No	No
height and width	8.0	3.5	9.5	3.0	4.0
list	No	No	9.5	No	No
min, max and step	No	No	9.5	3.0	No
multiple	No	3.5	11.0	3.0	4.0
novalidate	No	No	11.0	No	No
pattern	No	No	9.5	3.0	No
placeholder	No	No	11.0	3.0	3.0
required	No	No	9.5	3.0	No