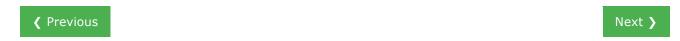
ш3schools.com

THE WORLD'S LARGEST WEB DEVELOPER SITE



HTML5 New Elements



New Elements in HTML5

Below is a list of the new HTML5 elements, and a description of what they are used for.

New Semantic/Structural Elements

HTML5 offers new elements for better document structure:

Tag	Description
<article></article>	Defines an article in a document
<aside></aside>	Defines content aside from the page content
<bdi></bdi>	Isolates a part of text that might be formatted in a different direction from other text outside it
<details></details>	Defines additional details that the user can view or hide
<dialog></dialog>	Defines a dialog box or window
<figcaption></figcaption>	Defines a caption for a <figure> element</figure>
<figure></figure>	Defines self-contained content
<footer></footer>	Defines a footer for a document or section
<header></header>	Defines a header for a document or section
<main></main>	Defines the main content of a document
<mark></mark>	Defines marked/highlighted text
<meter></meter>	Defines a scalar measurement within a known range (a gauge)
<nav></nav>	Defines navigation links
<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	Represents the progress of a task

<u><rp></rp></u>	Defines what to show in browsers that do not support ruby annotations
<u><rt></rt></u>	Defines an explanation/pronunciation of characters (for East Asian typography)
<ruby></ruby>	Defines a ruby annotation (for East Asian typography)
<section></section>	Defines a section in a document
<summary></summary>	Defines a visible heading for a <details> element</details>
<time></time>	Defines a date/time
<wbr/>	Defines a possible line-break

Read more about <u>HTML5 Semantics</u>.

New Form Elements

Tag	Description
<datalist></datalist>	Specifies a list of pre-defined options for input controls
<output></output>	Defines the result of a calculation

Read all about old and new form elements in <u>HTML Form Elements</u>.

New Input Types

ew Input Types	New Input Attributes	
• color	• autocomplete	
	•	
• date	• autofocus	
 datetime 	• form	
 datetime-local 	• formaction	
• email	 formenctype 	
• month	formmethod	
• number	• formnovalidate	
• range	 formtarget 	

• search	 height and width
• tel	• list
• time	• min and max
• url	• multiple
• week	• pattern (regexp)
	• placeholder
	• required
	• step

Learn all about old and new input types in HTML Input Types.

Learn all about input attributes in <u>HTML Input Attributes</u>.

HTML5 - New Attribute Syntax

HTML5 allows four different syntaxes for attributes.

This example demonstrates the different syntaxes used in an <input> tag:

Туре	Example
Empty	<input <b="" type="text" value="John"/> disabled>
Unquoted	<input type="text" value="John"/>
Double-quoted	<input type="text" value="John Doe"/>
Single-quoted	<input type="text" value="John Doe"/>

In HTML5, all four syntaxes may be used, depending on what is needed for the attribute.

HTML5 Graphics

Tag	Description
<canvas></canvas>	Draw graphics, on the fly, via scripting (usually JavaScript)
<svg></svg>	Draw scalable vector graphics

Read more about HTML5 Canvas.

Read more about HTML5 SVG.

New Media Elements

Tag	Description
<audio></audio>	Defines sound content
<embed/>	Defines a container for an external (non-HTML) application

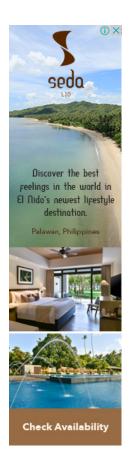
<source/>	Defines multiple media resources for media elements (<video> and <audio>)</audio></video>
<track/>	Defines text tracks for media elements (<video> and <audio>)</audio></video>
<video></video>	Defines video or movie

Read more about HTML5 Video.

Read more about $\underline{\mathsf{HTML5}}$ Audio.

Previous

Next >



COLOR PICKER



HOW TO

Tabs Dropdowns Accordions Side Navigation