



# HTML5 Reference

This appendix provides the following information:

- ⦿ Alphabetical HTML5 reference
- ⦿ Obsolete elements
- ⦿ Global attributes
- ⦿ Event attributes
- ⦿ Numeric and character entities



For more information on HTML5 elements, see: W3C Working

Draft 9 November 2010 [www.w3.org/TR/html-markup](http://www.w3.org/TR/html-markup)

This appendix includes element descriptions sorted alphabetically. The elements listed in this appendix are the ones you will use most often, including a list of the global attributes allowed with the majority of HTML5 elements and a complete list of character entities. Some elements are obsolete in HTML5 but are still in common use in many Web sites. If you are creating HTML5-compliant Web pages, you should not use these obsolete elements. For more detailed information, visit the World Wide Web Consortium Web site at [www.w3.org](http://www.w3.org).

The HTML5 draft specification was published as a First Public Working Draft on January 23, 2008 and several updated Working Drafts of the specification have subsequently been published by the W3C HTML5 working group. Information about HTML5 elements may continue to change as the draft evolves until it becomes a complete W3C recommendation.

## Alphabetical HTML5 Reference

All elements support the global and event attributes described in Tables A-3 and A-4. Table A-2 contains a list of the obsolete elements.

Element	New in HTML5	Description	Attributes
<code>&lt;!--comment text--&gt;</code>		Insert a comment in your code Browsers do not display comments in the Web page Place the comment within the tag, for example: <code>&lt;!-- This is a comment --&gt;</code>	None
<code>&lt;a&gt;</code>		Create a clickable hypertext anchor in a document; can be text or an image	Global attributes plus: <i>href</i> Target destination of the hyperlink <i>name</i> Name of a fragment of the document <i>target</i> Window or frame in which the linked document is displayed <i>hreflang</i> Language of the destination of the hyperlink <i>rel</i> Defines the relationship between the document and the destination <i>media</i> Valid media-query type <i>type</i> MIME type

**Table A-1** Common HTML5 Elements (*continues*)

(continued)

Element	New in HTML5	Description	Attributes
<abbr>		Abbreviation or acronym	Global attributes
<address>		Contact information	Global attributes
<area>		Clickable area in an image map	Global attributes plus: <i>alt</i> Specify an alternate string of text if the image cannot be displayed by the browser <i>href</i> Target destination of the hyperlink <i>hreflang</i> Language of the destination of the hyperlink <i>target</i> Window or frame in which the linked document is displayed <i>rel</i> Defines the relationship between the document and the destination <i>media</i> Valid media-query type <i>type</i> MIME type <i>shape</i> Determines the shape of the clickable area, circle or poly and coordinates
<article>	√	A section of content that forms an independent part of a document or Web site	Global attributes
<aside>	√	Content that is tangentially related to the main content	Global attributes
<audio>	√	Contains an audio stream	<i>src</i> URL of the radio stream content <i>autoplay</i> When set to <i>autoplay</i> , the video starts playing as soon as possible <i>preload</i> Indicates whether preloading is necessary <i>controls</i> When set to <i>controls</i> , displays playback controls <i>loop</i> When set to <i>loop</i> , the video plays repeatedly

**Table A-1** Common HTML5 Elements (continues)

(continued)

Element	New in HTML5	Description	Attributes
<b>		Boldface text This element is redefined in HTML5 to have semantic meaning: “Bold text is offset from its surrounding content without conveying any extra emphasis or importance, and for which the conventional typographic presentation is bold text”	Global attributes
<base>		Sets the base URL or target for a page This is an empty element	Global attributes plus: <i>href</i> Absolute or relative original URL for the current document <i>target</i> Default window or frame in which links contained in the document are displayed
<blockquote>		Indents text on both the left and right margins	
<body>		Identifies the body section of the Web page	
 		Inserts a line break, forcing text to the next line This is an empty element	
<button>		Creates a button outside of a form	Global attributes plus: <i>type</i> Values are button, reset, or submit <i>name</i> Name for the button <i>value</i> Initial value for the button; this can be changed by a script <i>disabled</i> When value is <i>disabled</i> , the button is not displayed <i>form</i> Value of the id attribute associated with the form
canvas	√	Used with scripting applications to dynamically render graphics, animations, or other visual images	Global attributes plus: <i>height</i> Height of the canvas, in pixels <i>width</i> Width of the canvas, in pixels
<caption>		Indicates that the text appears as the caption of a table	Global attributes

**Table A-1** Common HTML5 Elements (continues)

(continued)

Element	New in HTML5	Description	Attributes
<cite>		Title of a cited work	Global attributes
<code>		Fragment of computer code	Global attributes
<col>		One or more columns in a column group within the <colgroup> element This is an empty element	Global attributes plus: <i>span</i> Number of columns spanned
<colgroup>		Group of columns within a table	Global attributes plus: <i>span</i> Number of columns spanned
<command>	√	Defines a command button within a <menu> element This is an empty element	Global attributes plus: <i>type</i> Command, checkbox, or radio
<datalist>	√	Defines a list of option values for a form input element The results of this element are not displayed in the browser window	Global attributes
<dd>		Definition for a term within a definition list <dl> element	Global attributes
<del>		Text that has been deleted from a document	Global attributes
<details>	√	Represents a control from which a user can request more information	Global attributes plus: <i>open</i> Specifies the contents should be shown to the user, value is <i>open</i> or <i>null</i>
<div>		Indicates a division within the document	Global attributes
<dt>		Term or name within a definition list <dl> element	
<em>		Emphasizes text, usually as italic; browser determines the text style	Global attributes
<embed>	√	Contains content from an external source This is an empty element	<i>src</i> Address of the content being embedded <i>type</i> MIME type of the embedded content <i>height</i> Height of the embedded content, in pixels <i>width</i> Width of the embedded content, in pixels

**Table A-1** Common HTML5 Elements (*continues*)

(continued)

Element	New in HTML5	Description	Attributes
<fieldset>		Container for form controls grouped under a heading	Global attributes
<figcaption>	√	Caption or legend for a figure	Global attributes
<figure>	√	Self-contained set of graphical or related content	Global attributes
<footer>	√	Contains footer content	Global attributes
<form>		Contains user-submittable form	<p><i>action</i> URL of the application that processes the form data; this URL points to a script file or a e-mail address</p> <p><i>enctype</i> Content type used to submit the form to the server (when the value of the method is “post”); most forms do not need this attribute</p> <p><i>method</i> Specifies the HTTP method used to submit the form data; the default value is <i>get</i></p> <ul style="list-style-type: none"> <li>• <i>get</i> Form data is appended to the URL specified in the action attribute</li> <li>• <i>post</i> Form data is sent to the server as a separate message</li> </ul> <p><i>accept</i> Comma-separated list of content types that a server processing this form can handle correctly; most forms do not need this attribute</p> <p><i>accept-charset</i> List of allowed character sets for input data that is accepted by the server processing this form; most forms do not need this attribute</p> <p><i>name</i> Name of this form for data processing</p>
<h1> to <h6>		Defines headings for six levels of content	Global attributes
<head>		Identifies the head section of the Web page, which is reserved for metadata (information about the document)	Global attributes
<header>	√	Header of a section	Global attributes

**Table A-1** Common HTML5 Elements (continues)

(continued)

Element	New in HTML5	Description	Attributes
<hgroup>	√	Group of headings <h1> through <h6>	Global attributes
<hr>		Inserts a horizontal rule on the page indicating thematic break in the content This is an empty element	Global attributes
<html>		Root element of an HTML file	Global attributes
<i>		Italicize text This element is redefined in HTML5 to have semantic meaning: "Italic text is offset from its surrounding content without conveying any extra emphasis or importance, and for which the conventional typographic presentation is italic text"	Global attributes
<iframe>		Creates an inline frame that contains a new content page	Global attributes plus: <i>src</i> Address of a page that the nested frame contains <i>name</i> Content name <i>width</i> Width of the iframe, in pixels <i>height</i> Height of the iframe, in pixels
<img>		Inserts an image into a Web page This is an empty element	Global attributes plus: <i>width</i> Width of the image, in pixels <i>height</i> Height of the image, in pixels <i>src</i> URL that points to the image file; this attribute is required <i>alt</i> Specify an alternate string of text if the image cannot be displayed by the browser
<input>		Used in a <form> element to create a variety of input controls	Global attributes plus: <i>text</i> Text entry field where the user entry is masked by asterisks <i>checkbox</i> Provides on/off toggles that the user selects

**Table A-1** Common HTML5 Elements (continues)

(continued)

Element	New in HTML5	Description	Attributes
			<i>radio</i> Lets a user choose one value from a range of values <i>submit</i> Sends the form data to the server <i>reset</i> Clears the form of any user-entered data and returns it to its original state <i>hidden</i> Adds a control that is not displayed in the browser <i>image</i> Adds a graphic button to the form, rather than the default button <i>button</i> Creates a button that has no default behavior <i>file</i> Lets the user select a file that is submitted with the form <i>datetime</i> Global date and time <i>datetime-local</i> Local date and time <i>date</i> Calendar date <i>month</i> Calendar month <i>time</i> Time value <i>week</i> Calendar week <i>number</i> Number value <i>range</i> Range of values <i>email</i> Email address <i>url</i> URL value <i>search</i> Search term <i>tel</i> Telephone number <i>color</i> Color name
<ins>		Text that has been added to a document	Global attributes plus: <i>cite</i> URL of a text citation for the document <i>datetime</i> Date and time when the text was added
<kbd>		Represents user input	Global attributes

**Table A-1** Common HTML5 Elements (continues)



(continued)

Element	New in HTML5	Description	Attributes
<keygen>	√	Defines a key for secure communications	Global attributes plus: <i>challenge</i> Challenge text string that is submitted along with the key <i>keytype</i> Type of key, such as <i>rsa</i> <i>autofocus</i> Focuses on the textarea when the page loads <i>name</i> Name of this element for form processing <i>form</i> Value of the id attribute associated with the form <i>disabled</i> When value is <i>disabled</i> , the textarea is not displayed
<label>		Caption for a form control	Global attributes plus: <i>for</i> Reference the id of a form control to associate the label <i>form</i> Value of the id attribute associated with the form
<legend>		A title or explanatory caption for the parent element's content	Global attributes
<li>		Marks an individual list item This is an empty tag	Global attributes
<link>		Defines a relationship between the document and external resources, such as a style sheet	Global attributes plus: <i>type</i> Type of external resource <i>href</i> URL of the external resource <i>rel</i> Describes the relationship between the current document and the anchor specified by the href attribute <i>hreflang</i> Language of the destination link <i>media</i> Valid media-query type
<map>		Defines an image map	Global attributes plus: <i>name</i> Name for the map
<mark>		Text marked or highlighted for reference purposes	Global attributes
<menu>		Redefined in HTML5 to define a menu	Global attributes plus: <i>type</i> Type of menu to display; values are context, toolbar, or list, list is the default

**Table A-1** Common HTML5 Elements (*continues*)

(continued)

Element	New in HTML5	Description	Attributes
<meta>		Used within the document head to provide information	<i>name</i> Meta information name, such as keyword or description <i>content</i> Content of the named information type
<meter>	√	Measurement or fractional value to measure data within a range	Global attributes plus: <i>value</i> Measured value shown by meter <i>min</i> Lower bound of the range for the meter <i>low</i> Point that marks the upper boundary of the <i>low</i> segment of the meter <i>high</i> Point that marks the lower boundary of the <i>high</i> segment of the meter <i>max</i> Upper bound of the range for the meter <i>optimum</i> Point that marks the <i>optimum</i> position for the meter
<nav>	√	Group of navigation links	Global attributes
<noscript>		Fallback content for scripts	Global attributes
<object>		Contains external content	Global attributes plus: <i>data</i> URL of the content <i>type</i> MIME type of the content <i>height</i> Height of the object, in pixels <i>width</i> Width of the object, in pixels <i>name</i> Name of the object
<ol>		Creates a numbered list	Global attributes
<optgroup>		Group of <option> elements with a common label	Global attributes plus: <i>label</i> Name of the group of options
<option>		Option choice in an <optgroup>	Global attributes plus: <i>label</i> Name of the group of options <i>value</i> Value for the option
<output>	√	Result of a calculation in a form	Global attributes plus: <i>name</i> Name of this element for form processing <i>form</i> Value of the id attribute associated with the form

**Table A-1** Common HTML5 Elements (continues)

(continued)

Element	New in HTML5	Description	Attributes
<p>		Marks the beginning of a new block of text	Global attributes
<param>		Defines parameters for plug-ins in <object> elements	Global attributes plus: <i>name</i> Name of the parameter <i>value</i> Value of the parameter
<pre>		Preserves the formatting and spacing of text as typed in the source code; displays the text in a monospace font, different from the standard browser text	Global attributes
<progress>	√	Indicates the completion progress of a task Used with a scripting language	Global attributes plus: <i>max</i> Total value at completion. <i>value</i> How much of the task has been completed
<q>		Quoted text from another source	Global attributes plus: <i>cite</i> Contains the address of the source of the quoted text
<rp>	√	Inserts ruby parentheses to hide ruby text <rt> content from browsers that do not support the <ruby> element	Global attributes
<rt>	√	Marks ruby text	Global attributes
<ruby>	√	Marks spans of content as ruby annotations Ruby text is used to provide a short annotation of the associated base text Ruby annotations are used frequently in Japan in many kinds of publications, including books and magazines Ruby is also used in China, especially in schoolbooks	Global attributes
<samp>		Sample computer code	Global attributes

**Table A-1** Common HTML5 Elements (*continues*)

(continued)

Element	New in HTML5	Description	Attributes
<script>		Contains dynamic script or data content	Global attributes plus: <i>type</i> MIME type of the script or data language <i>src</i> Address of the external script <i>defer</i> If set to <i>defer</i> , the script is executed after the page is loaded <i>charset</i> Character encoding of the external script
<section>	√	Section of a document typically including a title or heading	Global attributes
<select>		Form control for selecting from a list of options	Global attributes plus: <i>name</i> the name of this element for form processing <i>form</i> Value of the id attribute associated with the form <i>disabled</i> When value is <i>disabled</i> , the textarea is not displayed <i>size</i> Number of options to show <i>multiple</i> If set to <i>multiple</i> , user can select one or more options from the list
<small>		Contains legal, privacy, and other “fine-print” content	Global attributes
<source>	√	Allows specification for multiple media sources for audio and video elements	Global attributes plus: <i>src</i> Address of the media source <i>type</i> MIME type of the content <i>media</i> Valid media-query type
<span>		Serves as an inline division; used to apply a style class or rule to text	Global attributes
<strong>		Contains important text, usually displayed as boldface; browser determines the text style	Global attributes
<style>		Used in the <head> section to contain CSS style rules	<i>type</i> Valid MIME type that designates a styling language <i>media</i> Valid media-query type specifies to which media the style applies

**Table A-1** Common HTML5 Elements (*continues*)

(continued)

Element	New in HTML5	Description	Attributes
<sub>		Subscripted text	Global attributes
<summary>		Summary, caption, or legend for a <details> element	Global attributes
<sup>		Superscripted text	Global attributes
<table>		Marks the beginning and end of a table	Global attributes plus: <i>summary</i> Description of the table
<tbody>		Block of rows in a table that contains the body content	Global attributes
<td>		Marks a data cell in a table	Global attributes plus: <i>colspan</i> Number of adjacent columns spanned by the <td> element <i>rowspan</i> Number of following rows spanned by the <td> element
<textarea>		Form control that lets users enter multiple lines of text content	Global attributes plus: <i>autofocus</i> Focuses on the textarea when the page loads <i>cols</i> Number of characters visible horizontally <i>disabled</i> When value is <i>disabled</i> , the textarea is not displayed <i>form</i> ID value defines the form the textarea belongs <i>maxlength</i> Defines the maximum number of characters <i>required</i> Element is a required part of the form submission <i>placeholder</i> Short text hint to aid the user when entering data <i>rows</i> Number of lines of text to display <i>wrap</i> When set to <i>hard</i> , the text wraps based on the <i>cols</i> value
<tfoot>		Block of rows in a table that contains the footer content	Global attributes
<th>		Forces the contents of a cell to be displayed as bold and centered	Global attributes

**Table A-1** Common HTML5 Elements (*continues*)

(continued)

Element	New in HTML5	Description	Attributes
<thead>		Block of rows in a table that contains the header content	Global attributes
<time>	√	Contains a date or time value	Global attributes plus: <i>datetime</i> Specifies the date or time the element represents <i>pubdate</i> Indicates that the date or time given is a publication date or time
<title>		Specifies the title of the Web page; title text appears in the browser title bar and as the bookmark or favorites text	Global attributes
<tr>		Marks a row of cells in a table	Global attributes
<tt>		Specifies monospace text, usually Courier	Global attributes
<ul>		Creates a bulleted indented list	Global attributes
<var>		Variable in a mathematical expression	
<video>	√	Video or movie content	Global attributes plus: <i>autoplay</i> When set to <i>autoplay</i> , the video starts playing as soon as possible <i>preload</i> Indicates whether preloading is necessary. <i>controls</i> When set to <i>controls</i> , displays playback controls <i>loop</i> When set to <i>loop</i> , the video plays repeatedly <i>poster</i> URL for an image displayrf when the video is loading <i>height</i> Height of the video, in pixels <i>width</i> Width of the video, in pixels
<wbr>	√	Represents an approved line-break location	Global attributes

**Table A-1** Common HTML5 Elements

## Obsolete Elements

Table A-2 lists the elements that are no longer supported in HTML5.

Element	HTML5 Replacement
<acronym>	<abbr>
<applet>	<object>
<basefont>	Use CSS
<big>	Use CSS
<center>	Use CSS
<dir>	<ul>
<font>	Use CSS
<frame>	No replacement
<frameset>	No replacement
<noframes>	No replacement
<s>	Use CSS
<strike>	Use CSS
<tt>	Use CSS
<u>	Use CSS
<xmp>	<pre>

**Table A-2** Obsolete Elements

## Global Attributes

Table A-3 lists the global attributes, which are allowed within all of the elements listed in the element tables.

Attribute	New in HTML5	Definition
accesskey		Key label or list of key labels with which to associate the element; each key label represents a keyboard shortcut which browsers can use to activate the element or give focus to the element
class		Specifies a class name for an element; the class name can be used to specify style sheet rules
contenteditable	√	Specifies whether the contents of the element are editable Values are <i>true</i> , <i>false</i> , or empty

**Table A-3** HTML5 Global Attributes (*continues*)

(continued)

Attribute	New in HTML5	Definition
contextmenu	√	Use with the <menu> element to indicate that the element is part of a context menu
dir		Specifies the element's text directionality Values are <i>ltr</i> , (left to right) or <i>rtl</i> (right to left)
draggable	√	Specifies whether the element is draggable Values are <i>true</i> or <i>false</i>
hidden	√	Specifies that the element represents an element that is not yet, or is no longer, relevant
id		Specifies a document-wide unique identifier for an element Multiple elements in the document cannot have the same id value
lang		Specifies the primary language for the contents of the element and for any of the element's attributes that contain text
spellcheck	√	Specifies whether the element represents an element whose contents are subject to spell checking and grammar checking Values are <i>true</i> , <i>false</i> , or empty
style		Specifies a style sheet rule for the element
tabindex		Specifies whether the element represents an element that is focusable (that is, an element which is part of the sequence of focusable elements in the document), and the relative order of the element in the sequence of focusable elements in the document
title		Specifies a title for the element; the content of the title is displayed in the browser as a pop-up window or tooltip

**Table A-3** HTML5 Global Attributes



## Event Attributes

Table A-4 lists the event attributes, which are used with a scripting language to trigger events.

Attribute	Script is Triggered
onafterprintNew	After the document is printed
onbeforeonloadNew	Before the document loads
onbeforeprintNew	Before the document is printed
onblur	When the window loses focus
onerrorNew	When an error occurs
onfocus	When the window gets focus
onhaschangeNew	When the document has change
onload	When the document loads
onmessageNew	When the message is triggered
onofflineNew	When the document goes offline
ononlineNew	When the document comes online
onpagehideNew	When the window is hidden
onpageshowNew	When the window becomes visible
onpopstateNew	When the window's history changes
onredoNew	When the document performs a redo
onresizeNew	When the window is resized
onstorageNew	When a document loads
onundoNew	When a document performs an undo
onunloadNew	When the user leaves the document

**Table A-4** HTML5 Event Attributes

## Numeric and Character Entities

Table A-5 lists the event attributes, which are used with a scripting language to trigger events.

Character	Character Entity	Numeric Entity	Description
"	&#123;	&quot;	Quotation mark
#	&#35;		Number sign
\$	&#36;		Dollar sign
%	&#37;		Percent sign
&	&#38;	&amp;	Ampersand

**Table A-5** Numeric and Character Entities (*continues*)

(continued)

Character	Character Entity	Numeric Entity	Description
'	&#39;		Apostrophe
(	&#40;		Left parenthesis
)	&#41;		Right parenthesis
*	&#42;		Asterisk
+	&#43;		Plus sign
,	&#44;		Comma
-	&#45;		Hyphen
.	&#46;		Period (full stop)
/	&#47;		Solidus (slash)
0	&#48;		Digit 0
1	&#49;		Digit 1
2	&#50;		Digit 2
3	&#51;		Digit 3
4	&#52;		Digit 4
5	&#53;		Digit 5
6	&#54;		Digit 6
7	&#55;		Digit 7
8	&#56;		Digit 8
9	&#57;		Digit 9
:	&#58;		Colon
;	&#59;		Semicolon
<	&#60;	&lt;	Less than sign
=	&#61;		Equals sign
>	&#62;	&gt;	Greater than sign
?	&#63;		Question mark
@	&#64;		Commercial at
A Z	&#65; - &#90;		Uppercase letters A Z
[	&#91;		Left square bracket
\	&#92;		Reverse solidus (backslash)
]	&#93;		Right square bracket
^	&#94;		Caret
_	&#95;		Horizontal bar (underscore)
`	&#96;		Grave accent
a z	&#97; - &#122		Lowercase letters a z

**Table A-5** Numeric and Character Entities (continues)

(continued)

Character	Character Entity	Numeric Entity	Description
{	&#123;		Left curly brace
	&#124;		Vertical bar
}	&#125;		Right curly brace
~	&#126;		Tilde
	&#160;	&nbsp;	Nonbreaking space
¡	&#161;	&iexcl;	Inverted exclamation mark
¢	&#162;	&cent;	Cent sign
£	&#163;	&pound;	British Pound sign
¤	&#164;	&curren;	Currency sign
¥	&#165;	&yen;	Yen sign
	&#166;	&brvbar;	Broken vertical bar
§	&#167;	&sect;	Section sign
¨	&#168;	&uml;	Spacing diaeresis
©	&#169;	&copy;	Copyright sign
ª	&#170;	&ordf;	Feminine ordinal indicator
«	&#171;	&laquo;	Left-pointing double angle quotation mark
¬	&#172;	&not;	Not sign
–	&#173;	&shy;	Soft hyphen
®	&#174;	&reg;	Registered trademark sign
ˉ	&#175;	&macr;	Macron overline
°	&#176;	&deg;	Degree sign
±	&#177;	&plusmn;	Plus-or-minus sign
²	&#178;	&sup2;	Superscript digit 2
³	&#179;	&sup3;	Superscript digit 3
´	&#180;	&acute;	Acute accent
μ	&#181;	&micro;	Micron sign
¶	&#182;	&para;	Paragraph sign
·	&#183;	&middot;	Middle dot
¸	&#184;	&cedil;	Cedilla
¹	&#185;	&sup1;	Superscript digit 1
º	&#186;	&ordm;	Masculine ordinal indicator
»	&#187;	&raquo;	Right-pointing double angle quotation mark
¼	&#188;	&frac14;	Fraction one-quarter
½	&#189;	&frac12;	Fraction one-half

**Table A-5** Numeric and Character Entities (continues)

(continued)

Character	Character Entity	Numeric Entity	Description
¾	&#190;	&frac34;	Fraction three-quarters
¿	&#191;	&iquest;	Inverted question mark
À	&#192;	&Agrave;	Capital letter A with grave
Á	&#193;	&Acute;	Capital letter A with acute
Â	&#194;	&Acirc;	Capital letter A with circumflex
Ã	&#195;	&Atilde;	Capital letter A with tilde
Ä	&#196;	&Auml;	Capital letter A with diaeresis
Å	&#197;	&Aring;	Capital letter A with ring above
Æ	&#198;	&Aelig;	Capital letter AE
Ç	&#199;	&Ccedil;	Capital letter C with cedilla
È	&#200;	&Egrave;	Capital letter E with grave
É	&#201;	&Eacute;	Capital letter E with acute
Ê	&#202;	&Ecirc;	Capital letter E with circumflex
Ë	&#203;	&Euml;	Capital letter E with diaeresis
Ì	&#204;	&Igrave;	Capital letter I with grave
Í	&#205;	&Iacute;	Capital letter I with acute
Î	&#206;	&Icirc;	Capital letter I with circumflex
Ï	&#207;	&Iuml;	Capital letter I with diaeresis
D	&#208;	&ETH;	Capital letter ETH
Ñ	&#209;	&Ntilde;	Capital letter N with tilde
Ò	&#210;	&Ograve;	Capital letter O with grave
Ó	&#211;	&Oacute;	Capital letter O with acute
Ô	&#212;	&Ocirc;	Capital letter O with circumflex
Õ	&#213;	&Otilde;	Capital letter O with tilde
Ö	&#214;	&Ouml;	Capital letter O with diaeresis
x	&#215;	&times;	Multiplication sign
Ø	&#216;	&Oslash;	Capital letter O with stroke
Ù	&#217;	&Ugrave;	Capital letter U with grave
Ú	&#218;	&Uacute;	Capital letter U with acute
Û	&#219;	&Ucirc;	Capital letter U with circumflex
Ü	&#220;	&Uuml;	Capital letter U with diaeresis
Ý	&#221;	&Yacute;	Capital letter Y with acute
P	&#222;	&THORN;	Capital letter THORN
ß	&#223;	&szlig;	Sz ligature

**Table A-5** Numeric and Character Entities (continues)

(continued)

Character	Character Entity	Numeric Entity	Description
à	&#224;	&agrave;	Small letter a with grave
á	&#225;	&aacute;	Small letter a with acute
â	&#226;	&acirc;	Small letter a with circumflex
ã	&#227;	&atilde;	Small letter a with tilde
ä	&#228;	&auml;	Small letter a with diaeresis
å	&#229;	&aring;	Small letter a with ring above
æ	&#230;	&aelig;	Small letter ae
ç	&#231;	&ccedil;	Small letter c with cedilla
è	&#232;	&egrave;	Small letter e with grave
é	&#233;	&eacute;	Small letter e with acute
ê	&#234;	&ecirc;	Small letter e with circumflex
ë	&#235;	&euml;	Small letter e with diaeresis
ì	&#236;	&igrave;	Small letter i with grave
í	&#237;	&iacute;	Small letter i with acute
î	&#238;	&icirc;	Small letter i with circumflex
ï	&#239;	&iuml;	Small letter i with diaeresis
d	&#240;	&eth;	Small letter eth
ñ	&#241;	&ntilde;	Small letter n with tilde
ò	&#242;	&ograve;	Small letter o with grave
ó	&#243;	&oacute;	Small letter o with acute
ô	&#244;	&ocirc;	Small letter o with circumflex
õ	&#245;	&otilde;	Small letter o with tilde
ö	&#246;	&ouml;	Small letter o with diaeresis
÷	&#247;	&divide;	Division sign
o/	&#248;	&oslash;	Small letter o with stroke
ù	&#249;	&ugrave;	Small letter u with grave
ú	&#250;	&uacute;	Small letter u with acute
û	&#251;	&ucirc;	Small letter u with circumflex
ü	&#252;	&uuml;	Small letter u with diaeresis
ý	&#253;	&yacute;	Small letter y with acute
þ	&#254;	&thorn;	Small letter thorn
ÿ	&#255;	&yuml;	Small letter y with diaeresis

**Table A-5** Numeric and Character Entities