

XHTML REFERENCE

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

CORE ATTRIBUTES

The Core attributes are allowed within all of the elements listed in the element tables.

Table A-1 XHTML Core attributes

Attributes	Definition
id	Specifies a document-wide unique identifier for an element
class	Specifies a class name for an element; the class name can be used to specify style sheet rules
style	Specifies a style sheet rule for the element
title	Specifies a title for the element; contents of the title are displayed in the browser as a pop up; Netscape Navigator 4.x does not support this attribute

ALPHABETICAL XHTML REFERENCE

Table A-2 Common XHTML elements

Element	Description	Attributes
<!--comment text-->	Allows you to insert a comment in your code. Browsers do not display comments in the Web page. Place the comment within the tag, for example: <!-- This is a comment -->	None
<a>	Allows you to create a clickable hypertext anchor in a document; can be text or an image	Core attributes plus: <ul style="list-style-type: none"> ■ <i>href</i>—The target destination in a document ■ <i>name</i>—The name of a fragment of the document ■ <i>target</i>—The window or frame in which the linked document is displayed
	Allows you to boldface text	Core attributes
<base>	Sets the base URL or target for a page; this is an empty element	Core attributes plus: <ul style="list-style-type: none"> ■ <i>href</i>—The absolute or relative original ■ <i>target</i>—The default window or frame in which links contained in the document are displayed ■ <i>url</i>—For the current document

Table A-2 Common XHTML elements (continued)

Element	Description	Attributes
<basefont> (Deprecated)	Allows you to set a default size for the body text in the document	<ul style="list-style-type: none"> ■ <i>color</i>—The default text color ■ <i>face</i>—The default text face ■ <i>size</i>—The default text size for the document from 1 to 7; normal browser default is size 3
<blockquote>	Indents text on both the left and right margins	Core attributes
<body>	Identifies the body section of the Web page	Core attributes plus: <ul style="list-style-type: none"> ■ <i>alink</i>—The color for the currently selected link* ■ <i>background</i>—Points to the image file that is tiled across the background of the page* ■ <i>bgcolor</i>—The page background color* ■ <i>link</i>—The color for unvisited links* ■ <i>text</i>—The default text color* ■ <i>vlink</i>—The color for visited links* * Deprecated in XHTML
 	Inserts a line break, forcing text to the next line; this is an empty element	Core attributes plus: <ul style="list-style-type: none"> ■ <i>clear</i>—When used with a floating image, forces text to appear at the bottom of the image
<caption>	Indicates that the text appears as the caption of a table	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—The alignment of the caption, either top or bottom; top is the default
<center> (Deprecated)	Centers text or images horizontally on the page	None
<div>	Indicates a division within the document	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment of the contents of the division
	Emphasizes text, usually as italic; browser determines the text style	Core attributes
 (Deprecated)	Allows you to specify the font size for any string of text; range of sizes is 1 to 7, with 3 being the default	<ul style="list-style-type: none"> ■ <i>color</i>—Sets the text color ■ <i>face</i>—Sets the font typeface ■ <i>size</i>—Sets the font size

Table A-2 Common XHTML elements (continued)

Element	Description	Attributes
<frame>	Defines specific information for each frame in the frameset	Core attributes plus: <ul style="list-style-type: none"> ■ <i>frameborder</i>—The width of the frame's border ■ <i>marginheight</i>—The margin height in pixels ■ <i>marginwidth</i>—The margin width in pixels ■ <i>name</i>—Sets a targeting name for the frame ■ <i>noresize</i>—Prevents the user from resizing the frame by dragging the frame border ■ <i>scrolling</i>—Determines whether scroll bars appear ■ <i>src</i>—Specifies the source XHTML file for the frame's content
<frameset>	Defines the column and row characteristics of the frames in the frameset	Core attributes plus: <ul style="list-style-type: none"> ■ <i>cols</i>—Separates the frameset into columns ■ <i>rows</i>—Separates the frameset into rows (Both of these attributes need percentage or pixel values to specify the frame width or height)
<h1> to <h6>	Defines text as a heading level; <h1> is the top-level heading and the largest text	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—The alignment of the heading text
<head>	Identifies the head section of the Web page, which is reserved for information about the document, not document content	Three attributes that are not commonly used: <ul style="list-style-type: none"> ■ <i>dir</i>—Specifies the default text direction ■ <i>lang</i>—Specifies the base language for the document ■ <i>profile</i>—Specifies the location of one or more metadata profiles about the document

Table A-2 Common XHTML elements (continued)

Element	Description	Attributes
<hr>	Inserts a horizontal rule on the page; this is an empty element	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—Horizontal rule alignment; default is center ■ <i>noshade</i>—Turns off the default 3-D shading of the rule ■ <i>size</i>—The height of the rule in pixels ■ <i>width</i>—The length of the rule in pixels
<html>	Identifies the file as an HTML file	None
<i>	Italicizes text	Core attributes
	Inserts an image into a Web page	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—Allows you to wrap text around the image; valid values are left, middle, and right ■ <i>alt</i>—Allows you to specify an alternate string of text if the image cannot be displayed by the browser ■ <i>border</i>—The border for the image; set this attribute to zero (0) to remove a hypertext border on an anchor image ■ <i>height</i>—Specifies the height of the image in pixels ■ <i>hspace</i>—The horizontal white space in pixels on the left and right sides of an image ■ <i>src</i>—The URL that points to the image file; this attribute is required ■ <i>vspace</i>—The vertical white space in pixels on the top and bottom of an image ■ <i>width</i>—Specifies the width of the image in pixels
	Marks an individual list item; this is an empty tag	Core attributes

Table A-2 Common XHTML elements (continued)

Element	Description	Attributes
<link>	Defines a relationship between the document and external resources, such as a style sheet	Core attributes plus: <ul style="list-style-type: none"> ■ <i>href</i>—The URL of the external resource ■ <i>type</i>—The type of external resource ■ <i>rel</i>—Describes the relationship between the current document and the anchor specified by the <i>href</i> attribute
<meta>	Used within the document head to provide information	<ul style="list-style-type: none"> ■ <i>content</i>—The content of the named information type ■ <i>name</i>—The meta information name, such as keyword or description
<noframe>	Contains content that is viewable by browsers that do not support frames	Core attributes
	Creates a numbered indented list	Core attributes
<p>	Marks the beginning of a new block of text	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment of the paragraph content
<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	Core attributes
	Serves as an inline division, used to apply a style class or rule to text	Core attributes
	Emphasizes text, usually as bold; browser determines the text style	Core attributes
<style>	Used within the head section to contain CSS style rules	<ul style="list-style-type: none"> ■ <i>type</i>—Specifies the type of style language; for CSS, use text/CSS as the value
<sub>	Subscripts text	Core attributes
<sup>	Superscripts text	Core attributes

Table A-2 Common XHTML elements (continued)

Element	Description	Attributes
<table>	Marks the beginning and end of a table	<p>Core attributes plus:</p> <ul style="list-style-type: none"> ■ <i>align</i>—Floats the table to the left or right of text* ■ <i>border</i>—Specifies whether a border is displayed for a table ■ <i>bgcolor</i>—The background color of the table* ■ <i>cellpadding</i>—The amount of space in pixels between the border of the cell and the cell content on all four sides ■ <i>cellspacing</i>—The amount of space in pixels between the table cells on all four sides ■ <i>height</i>—The height of the table* ■ <i>width</i>—The width of the table, either to a fixed pixel width, or percentage relative width* <p>*Deprecated in XHTML</p>
<td>	Marks an individual table cell	<p>Core attributes plus:</p> <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment for table cells within the table row ■ <i>bgcolor</i>—The background color of the table row* ■ <i>colspan</i>—The number of columns spanned by a cell ■ <i>rowspan</i>—The number of rows spanned by a cell ■ <i>valign</i>—The horizontal alignment for table cells within the row <p>*Deprecated in XHTML</p>
<th>	Forces the contents of a cell to be displayed as bold and centered	<p>Core attributes plus:</p> <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment for table cells within the table row ■ <i>bgcolor</i>—The background color of the table row* ■ <i>colspan</i>—The number of columns spanned by a cell ■ <i>rowspan</i>—The number of rows spanned by a cell* ■ <i>valign</i>—The vertical alignment for table cells within the row <p>*Deprecated in XHTML</p>

Table A-2 Common XHTML elements (continued)

Element	Description	Attributes
<title>	Specifies the title of the Web page; title text appears in the browser title bar and as the bookmark or favorites text	Two attributes that are not commonly used: <ul style="list-style-type: none"> ■ <i>dir</i>—Specifies the default text direction ■ <i>lang</i>—Specifies the base language for the document
<tr>	Marks a row of cells in a table	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment for table cells within the table row ■ <i>bgcolor</i>—The background color of the table row* ■ <i>valign</i>—The vertical alignment for table cells within the row *Deprecated in XHTML
<tt>	Specifies monospace text, usually Courier	Core attributes
<u> (Deprecated)	Underlines text	Core attributes
	Creates a bulleted indented list	Core attributes

CATEGORICAL XHTML REFERENCE

The following is a quick reference list of the XHTML elements and attributes used in this book, listed by category.

Global Structure Elements

Table A-3 XHTML structure elements

Element	Description	Attributes
<body>	Identifies the body section of the Web page	Core attributes plus: <ul style="list-style-type: none"> ■ <i>alink</i>—The color for the currently selected link* ■ <i>background</i>—Points to the image file that is tiled across the background of the page* ■ <i>bgcolor</i>—The page background color* ■ <i>link</i>—The color for unvisited links* ■ <i>text</i>—The default text color* ■ <i>vlink</i>—The color for visited links * Deprecated in XHTML
<div>	Indicates a division within the document	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment of the contents of the division

Table A-3 XHTML structure elements (continued)

Element	Description	Attributes
<h1> to <h6>	Defines text as a heading level; <h1> is the top level heading and the largest text	Core attributes plus: ■ <i>align</i> —The alignment of the heading text
<head>	Identifies the head section of the Web page, which is reserved for information about the document, not document content	Three attributes that are not commonly used: ■ <i>dir</i> —Specifies the default text direction ■ <i>lang</i> —Specifies the base language for the document ■ <i>profile</i> —Specifies the location of one or more metadata profiles about the document
<html>	Identifies the file as an HTML file	None
<meta>	Used within the document head to provide information	■ <i>content</i> —The content of the named information type ■ <i>name</i> —The meta-information name, such as keywords or description
	Serves as an inline division, used to apply a style class or rule to text	Core attributes
<title>	Specifies the title of the Web page; title text appears in the browser title bar and as the bookmark or favorites text	Two attributes that are not commonly used: ■ <i>dir</i> —Specifies the default text direction ■ <i>lang</i> —Specifies the base language for the document

Text Elements

Table A-4 XHTML text elements

Element	Description	Attributes
<blockquote>	Indents text on both the left and right margins	Core attributes
 	Inserts a line break, forcing text to the next line; this is an empty element	Core attributes plus: ■ <i>clear</i> —When used with a floating image, forces text to appear at the bottom of the image
	Emphasizes text, usually as italic; browser determines the text style	Core attributes
<p>	Marks the beginning of a new block of text	Core attributes plus: ■ <i>align</i> —The horizontal alignment of the paragraph content

Table A-4 HTML text elements (continued)

Element	Description	Attributes
<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	Core attributes
	Emphasizes text, usually as bold; browser determines the text style	Core attributes
<sub>	Subscripts text	Core attributes
<sup>	Superscripts text	Core attributes

List Elements

Table A-5 XHTML list element

Element	Description	Attributes
	Marks an individual list item; this is an empty tag	Core attributes
	Creates a numbered indented list	Core attributes
	Creates a bulleted indented list	Core attributes

Table Elements

Table A-6 XHTML table elements

Element	Description	Attributes
<caption>	Indicates that the text appears as the caption of a table	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—The alignment of the caption, either top or bottom; top is the default
<table>	Marks the beginning and end of a table	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—Floats the table to the left or right of text* ■ <i>border</i>—Specifies whether a border is displayed for a table ■ <i>bgcolor</i>—The background color of the table* ■ <i>cellpadding</i>—The amount of space in pixels between the border of the cell and the cell content on all four sides ■ <i>cellspacing</i>—The amount of space in pixels between the table cells on all four sides ■ <i>height</i>—The height of the table* ■ <i>width</i>—The width of the table, either to a fixed pixel width or percentage relative width *Deprecated in XHTML

Table A-6 XHTML table elements (continued)

Element	Description	Attributes
<td>	Marks an individual table cell	<p>Core attributes plus:</p> <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment for table cells within the table row ■ <i>bgcolor</i>—The background color of the table row* ■ <i>colspan</i>—The number of columns spanned by a cell ■ <i>rowspan</i>—The number of rows spanned by a cell ■ <i>valign</i>—The vertical alignment for table cells within the row <p>*Deprecated in XHTML</p>
<th>	Forces the contents of a cell to be displayed as bold and centered	<p>Core attributes plus:</p> <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment for table cells within the table row ■ <i>bgcolor</i>—The background color of the table row* ■ <i>colspan</i>—The number of columns spanned by a cell ■ <i>rowspan</i>—The number of rows spanned by a cell ■ <i>valign</i>—The vertical alignment for table cells within the row <p>*Deprecated in XHTML</p>
<tr>	Marks a row of cells in a table	<p>Core attributes plus:</p> <ul style="list-style-type: none"> ■ <i>align</i>—The horizontal alignment for table cells within the table row ■ <i>bgcolor</i>—The background color of the table row* ■ <i>valign</i>—The vertical alignment for table cells within the row <p>*Deprecated in XHTML</p>

Link Elements

Table A-7 XHTML link elements

Element	Description	Attributes
<a>	Allows you to create a clickable hypertext anchor in a document; can be text or an image	Core attributes plus: <ul style="list-style-type: none"> ■ <i>href</i>—The target destination of the hypertext link ■ <i>name</i>—Names a fragment of the document ■ <i>target</i>—The window or frame in which the linked document is displayed
<base>	Sets the base URL or target for a page; this is an empty element	Core attributes plus: <ul style="list-style-type: none"> ■ <i>href</i>—The absolute or relative original URL for the current document ■ <i>target</i>—The default window or frame in which links contained in the document are displayed
<link>	Defines a relationship between the document and external resources, such as a style sheet	Core attributes plus: <ul style="list-style-type: none"> ■ <i>href</i>—The URL of the external resource ■ <i>type</i>—The type of external resource

Inclusion Element

Table A-8 XHTML inclusion element

Element	Description	Attributes
	Inserts an image into a Web page	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—Allows you to wrap text around the image; valid values are left, middle, and right ■ <i>alt</i>—Allows you to specify an alternate string of text if the image cannot be displayed by the browser ■ <i>border</i>—The border for the image; set this attribute to zero (0) to remove a hypertext border on an anchor image ■ <i>height</i>—Specifies the height of the image in pixels ■ <i>hspace</i>—The horizontal white space in pixels on the left and right sides of an image ■ <i>src</i>—The URL that points to the image file; attribute is required ■ <i>vspace</i>—The vertical white space in pixels on the top and bottom of an image ■ <i>width</i>—Specifies the width of the image in pixels

Style Sheet Element

Table A-9 Style sheet element

Element	Description	Attributes
<style>	Used within the head section to contain CSS style rules	<ul style="list-style-type: none"> ■ <i>type</i>—Specifies the type of style language; for CSS, use text/CSS as the value

Formatting Elements

Table A-10 XHTML formatting elements

Element	Description	Attributes
	Boldfaces text	Core attributes
<basefont> (Deprecated)	Allows you to set a default size for the body text in the document	<ul style="list-style-type: none"> ■ <i>color</i>—The default text color ■ <i>face</i>—The default text face ■ <i>size</i>—The default text size for the document from 1 to 7; the normal browser default is size 3
<center> (Deprecated)	Centers text or images horizontally on the page	None
 (Deprecated)	Allows you to specify the font size for any string of text; range of sizes is 1 to 7, with 3 being the default	<ul style="list-style-type: none"> ■ <i>color</i>—Sets the text color ■ <i>face</i>—Sets the font typeface ■ <i>size</i>—Sets the font size
<hr>	Inserts a horizontal rule on the page; this is an empty element	Core attributes plus: <ul style="list-style-type: none"> ■ <i>align</i>—Horizontal rule alignment; default is center ■ <i>noshade</i>—Turns off the default 3-D shading of the rule ■ <i>size</i>—The height of the rule in pixels ■ <i>width</i>—The length of the rule in pixels
<i>	Italicizes text	Core attributes
<tt> (Deprecated)	Specifies monospace text, usually in Courier	Core attributes
<u> (Deprecated)	Underlines text	Core attributes

Frame Elements

Table A-11 XHTML frame elements

Element	Description	Attributes
<frameset>	Defines the column and row characteristics of the frames in the frameset	<ul style="list-style-type: none"> ■ <i>cols</i>—Separates the frame set into columns ■ <i>rows</i>—Separates the frameset into rows (Both of these attributes need percentage or pixel values to specify the frame width or height)
<noframe>	Contains content that is viewable by browsers that do not support frames	Core attributes

NUMERIC AND CHARACTER ENTITIES

Table A-12 Numeric and character entities

Character	Character Entity	Numeric Entity	Description
"	"	"	Quotation mark
#	#		Number sign
\$	$		Dollar sign
%	%		Percent sign
&	&	&	Ampersand
'	'		Apostrophe
((Left parenthesis
))		Right parenthesis
*	*		Asterisk
+	+		Plus sign
,	,		Comma
-	-		Hyphen
.	.		Period (full stop)
/	/		Solidus (slash)
0	0		Digit 0
1	1		Digit 1
2	2		Digit 2
3	3		Digit 3
4	4		Digit 4
5	5		Digit 5
6	6		Digit 6
7	7		Digit 7
8	8		Digit 8
9	9		Digit 9
:	:		Colon
;	;		Semicolon
<	<	<	Less than
=	=		Equals sign
>	>	>	Greater than
?	?		Question mark
@	@		Commercial at
A–Z	A - Z		Uppercase letters A–Z
[[Left square bracket
\	\		Reverse solidus (backslash)
]]		Right square bracket

Table A-12 Numeric and character entities (continued)

Character	Character Entity	Numeric Entity	Description
^	^		Caret
_	_		Horizontal bar (underscore)
`	`		Grave accent
a-z	a - z		Lowercase letters a-z
{	{		Left curly brace
	|		Vertical bar
}	}		Right curly brace
~	~		Tilde
	 	 	Nonbreaking space
¡	¡	¡	Inverted exclamation mark
¢	¢	¢	Cent sign
£	£	£	British Pound sign
\$	¤	¤	Currency sign
¥	¥	¥	Yen sign
¦	¦	¦	Broken vertical bar
§	§	§	Section sign
¨	¨	¨	Spacing diaeresis
©	©	©	Copyright sign
ª	ª	ª	Feminine ordinal indicator
«	«	«	Left-pointing double angle quotation mark
¬	¬	¬	Not sign
–	­	­	Soft hyphen
®	®	®	Registered trademark sign
ˉ	¯	¯	Macron overline
°	°	°	Degree sign
±	±	±	Plus-or-minus sign
²	²	²	Superscript digit 2
³	³	³	Superscript digit 3
´	´	´	Acute accent
µ	µ	µ	Micron sign
¶	¶	¶	Paragraph sign
·	·	·	Middle dot
¸	¸	¸	Cedilla
¹	¹	¹	Superscript digit 1

Table A-12 Numeric and character entities (continued)

Character	Character Entity	Numeric Entity	Description
o	º	º	Masculine ordinal indicator
»	»	»	Right-pointing double angle quotation mark
¼	¼	¼	Fraction one-quarter
½	½	½	Fraction one-half
¾	¾	¾	Fraction three-quarters
¿	¿	¿	Inverted question mark
À	À	À	Capital letter A with grave
Á	Á	&Acute;	Capital letter A with acute
Â	Â	Â	Capital letter A with circumflex
Ã	Ã	Ã	Capital letter A with tilde
Ä	Ä	Ä	Capital letter A with diaeresis
Å	Å	Å	Capital letter A with ring above
Æ	Æ	&Aelig;	Capital letter AE
Ç	Ç	Ç	Capital letter C with cedilla
È	È	È	Capital letter E with grave
É	É	É	Capital letter E with acute
Ê	Ê	Ê	Capital letter E with circumflex
Ë	Ë	Ë	Capital letter E with diaeresis
Ì	Ì	Ì	Capital letter I with grave
Í	Í	Í	Capital letter I with acute
Î	Î	Î	Capital letter I with circumflex
Ï	Ï	Ï	Capital letter I with diaeresis
D–	Ð	Ð	Capital letter ETH
Ñ	Ñ	Ñ	Capital letter N with tilde
Ò	Ò	Ò	Capital letter O with grave
Ó	Ó	Ó	Capital letter O with acute
Ô	Ô	Ô	Capital letter O with circumflex
Õ	Õ	Õ	Capital letter O with tilde
Ö	Ö	Ö	Capital letter O with diaeresis
×	×	×	Multiplication sign
Ø	Ø	Ø	Capital letter O with stroke
Ù	Ù	Ù	Capital letter U with grave
Ú	Ú	Ú	Capital letter U with acute
Û	Û	Û	Capital letter U with circumflex

Table A-12 Numeric and character entities (continued)

Character	Character Entity	Numeric Entity	Description
Ü	Ü	Ü	Capital letter U with diaeresis
Ÿ	Ý	Ý	Capital letter Y with acute
Þ	Þ	Þ	Capital letter THORN
ß	ß	ß	Sz ligature
à	à	à	Small letter a with grave
á	á	á	Small letter a with acute
â	â	â	Small letter a with circumflex
ã	ã	ã	Small letter a with tilde
ä	ä	ä	Small letter a with diaeresis
å	å	å	Small letter a with ring above
æ	æ	æ	Small letter ae
ç	ç	ç	Small letter c with cedilla
è	è	è	Small letter e with grave
é	é	é	Small letter e with acute
ê	ê	ê	Small letter e with circumflex
ë	ë	ë	Small letter e with diaeresis
ì	ì	ì	Small letter i with grave
í	í	í	Small letter i with acute
î	î	î	Small letter i with circumflex
ï	ï	ï	Small letter i with diaeresis
d–	ð	ð	Small letter eth
ñ	ñ	ñ	Small letter n with tilde
ò	ò	ò	Small letter o with grave
ó	ó	ó	Small letter o with acute
ô	ô	ô	Small letter o with circumflex
õ	õ	õ	Small letter o with tilde
ö	ö	ö	Small letter o with diaeresis
÷	÷	÷	Division sign
o/	ø	ø	Small letter o with stroke
ù	ù	ù	Small letter u with grave
ú	ú	ú	Small letter u with acute
û	û	û	Small letter u with circumflex
ü	ü	ü	Small letter u with diaeresis
ý	ý	ý	Small letter y with acute
þ	þ	þ	Small letter thorn
ÿ	ÿ	ÿ	Small letter y with diaeresis

