



Elements & Attributes

Element	Attributes	Description
Root		
html	manifest	Root element
1	head	Container for document metadata
1	title	Document title
0..*	meta	http-equiv; name; content; charset
0..*	link	rel; type; href; media; hreflang; sizes
0..*	style	type; src; media; scoped
0..*	script	type; src; async; defer; charset
0..1	noscript	Fallback content for script
0..1	base	href; target
1	body	Document body
Sectioning		
1	header	Introductory or navigational aids for a page or section
1	footer	Footer for a page or section
	nav	Section with navigational links
	article	Self-contained syndicable or reusable composition
	details	open
	summary	Caption for details
	aside	Sidebar for tangentially related content
	section	Generic document or application section
	hr	Thematic break
	menu	type; label
	command	type; label; icon; disabled; checked; radiogroup; title
Flow Elements		
	hgroup	Heading group
	h1, h2, h3, h4, h5, h6	Section heading
	p	Paragraph
	pre	Block of preformatted text
	address	Contact information for a page or section
	dl	Definition List: Association list consisting of zero or more name-value groups
1..*	dt	Definition Term: Legend for corresponding dd element(s)
1..*	dd	Definition Description: Content for corresponding dt element(s)
	ol	start; reversed
	ul	Unordered list
1..*	li	value*
	blockquote	cite
		A section quoted from another source
Table		

	table	summary	Table
0..1	caption		Table caption
	colgroup	span	Group of columns in a table
1..*	col	span	Table column
1..*	tr		Table row
	th	colspan; rowspan; headers; scope	Table header cell
1..*	td	colspan; rowspan; headers	Table data cell
	thead		Group of heading rows in a table
	tbody		Group of rows in a table
	tfoot		Group of footer rows in a table
Embedded Content			
	figure		Figure with optional caption
0..1	figcaption		Caption for figure
	img	src; alt; usemap; ismap; width; height	Image
	canvas	width; height	Scriptable bitmap canvas
	video	src; preload; autoplay; loop; controls; poster; width; height	Video player
	audio	src; preload; autoplay; loop; controls	Audio player
0..*	source	src; type; media	Media source for video or audio
	embed	src; type; width; height; any*	Plugin
	object	data; type; name; usemap; form ; width; height	Image, nested browsing context, or plugin
1..*	param	name; value	Parameter for object
	iframe	src; srcdoc ; name; sandbox ; seamless ; width; height	Nested browsing context
	map	id	Image map
1..*	area	href; shape; coords; target; rel; media; ping ; hreflang; type; alt;	Hyperlink or dead area on an image map
Form			
	form	accept-charset; action; autocomplete ; enctype; method; name; novalidate ; target	User-submittable form
	label	for; form	Caption for a form control
	output	for; name; form	Calculated output value
	progress	value; max ; form	Progress bar
	input	<See Form table>	Form control
	button	<See Form table>	Button control
	keygen	<See Form table>	Cryptographic key-pair generator form control
	select	<See Form table>	List box control
	datalist		Container for options for combo box control
1	option	<See Form table>	Option in a list box or combo box control
	optgroup	<See Form table>	Group of options in a list box
1..*	textarea	<See Form table>	Multiline text field
0..*	meter	<See Form table>	Gauge
	fieldset	<See Form table>	Group of form controls
	legend		Caption for fieldset

Phrasing Elements		
a	href; target; rel; media ; ping ; hreflang; type	Hyperlink
strong		Importance
em		Stress emphasis
sub		Subscript
sup		Superscript
ins	cite; datetime	An addition to the document
del	cite; datetime	A removal from the document
time	pubdate; datetime	Date and/or time
mark		Highlight
abbr	title	Abbreviation
q	cite	Quotation
code		Computer code
samp		Computer output
var		Variable
kbd		User input
cite		Title of a work
dfn	title	Defining instance
bdo	dir	Text directionality formatting
small		Side comment
ruby		Ruby annotation(s)
rp		Parenthesis for ruby annotation text
rt		Ruby annotation text
br		Line break, e.g. in poem or postal address
wbr		Line breaking opportunity
b		Keywords
i		Alternate voice
div		Generic flow container
span	lang	Generic phrasing container (It seems like usefull only for identifying the text language)



Form

	string	string	string	boolean	boolean	boolean	boolean	num	num	int>=0	regex	boolean	id	num>0	boolean	boolean	MIME	string	string	url		
input[type='search']	name	value	placeholder	autofocus	disabled	readonly	required			maxlength	pattern	autocomplete	list								size	
input[type='text']	name	value	placeholder	autofocus	disabled	readonly	required			maxlength	pattern	autocomplete	list								size	
input[type='tel']	name	value	placeholder	autofocus	disabled	readonly	required			maxlength	pattern	autocomplete	list								size	
input[type='url']	name	value	placeholder	autofocus	disabled	readonly	required			maxlength	pattern	autocomplete	list								size	
input[type='email']	name	value	placeholder	autofocus	disabled	readonly	required			maxlength	pattern	autocomplete	list		multiple						size	
input[type='password']	name	value	placeholder	autofocus	disabled		required	min	max	maxlength	pattern	autocomplete									size	
input[type='file']	name	value		autofocus	disabled	readonly	required								multiple		accept					
input[type='number']	name	value		autofocus	disabled	readonly	required	min	max			autocomplete	list	step							size	
input[type='datetime']	name	value		autofocus	disabled	readonly	required	min	max			autocomplete	list	step								
input[type='datetime-local']	name	value		autofocus	disabled	readonly	required	min	max			autocomplete	list	step								
input[type='date']	name	value		autofocus	disabled	readonly	required	min	max			autocomplete	list	step								
input[type='time']	name	value		autofocus	disabled	readonly	required	min	max			autocomplete	list	step								
input[type='month']	name	value		autofocus	disabled	readonly	required	min	max			autocomplete	list	step								
input[type='week']	name	value		autofocus	disabled	readonly	required	min	max			autocomplete	list	step								
input[type='range']	name	value		autofocus	disabled			min	max			autocomplete	list	step								
input[type='color']	name	value		autofocus	disabled							autocomplete	list									
input[type='radio']	name	value		autofocus	disabled		required															
input[type='checkbox']	name	value		autofocus	disabled		required									checked						
input[type='hidden']	name	value																				
input[type='button']	name	value		autofocus	disabled																	
input[type='submit']	name	value		autofocus	disabled																	form
input[type='reset']	name	value		autofocus	disabled																	
input[type='image']	name	value		autofocus	disabled													alt		src		form
button[type='button']	name	value		autofocus	disabled																	
button[type='submit']	name	value		autofocus	disabled																	form
button[type='reset']	name	value		autofocus	disabled																	
keygen	name			autofocus	disabled													challenge	keytype			
textarea	name		placeholder	autofocus	disabled	readonly	required			maxlength												wrap
select	name			autofocus	disabled										multiple							size
optgroup					disabled														label			
datalist																						
option		value			disabled											selected		label				
fieldset	name			disabled																		
legend																						
meter		value				low	high	min	max	optimum												

Attributes & Values

Attribute	Value	Element(s)
Global Attributes		
id	string	Any
lang	lang	Any
title	string	Any
tabindex	int	Any
accesskey	Ordered set of unique space-separated tokens consisting of one Unicode code point in length	Any
spellcheck	"true"; "false"	Any
contenteditable	"true"; "false"	Any
contextmenu	ID*	Any
draggable	"true"; "false"	Any
hidden	boolean	Any
dir	"ltr"; "rtl"	Any
class	string(s)	Any
style	CSS*	Any
Table Attributes		
colspan	int>0	td; th
headers	IDs	td; th
rowspan	int>=0	td; th
scope	"row"; "col"; "rowgroup"; "colgroup"	th
span	int>0	col; colgroup
summary	string	table
Form Attributes		
accept	Set of comma-separated tokens* consisting of valid MIME types with no parameters or audio/*, video/*, or image/*	input
accept-charset	Ordered set of unique space-separated tokens consisting of preferred MIME names of ASCII-compatible character encodings*	form
action	URL	form
autocomplete	"on"; "off"	form; input
autofocus	boolean	button; input; keygen; select; textarea
challenge	string	keygen
checked	boolean	command; input
cols	int>=0	textarea
disabled	boolean	button; command; fieldset; input; keygen; optgroup; option; select; textarea
enctype	"application/x-www-form-urlencoded"; "multipart/form-data"; "text/plain"	form
label output	for	ID*
	for	IDs

	form	ID*	button; fieldset; input; keygen; label; meter; object; output; progress; select; textarea
	formaction	URL	button; input
	formenctype	"application/x-www-form-urlencoded"; "multipart/form-data"; "text/plain"	button; input
	formmethod	"GET"; "POST"; "PUT"; "DELETE"	button; input
	formnovalidate	boolean	button; input
	formtarget	Valid browsing context name or keyword	button; input
	high	num	meter
	keytype	string	keygen
	label	string	command; menu; optgroup; option;
	list	ID*	input
input	max	varies*	input
meter; progress	max	num	meter; progress
	maxlength	int>=0	input; textarea
	method	"GET"; "POST"; "PUT"; "DELETE"	form
input	min	varies*	input
meter	min	num	meter
	multiple	boolean	input; select
button; fieldset; input; keygen; output; select; textarea	name	string	button; fieldset; input; keygen; output; select; textarea
form	name	string	form
	novalidate	boolean	form
	optimum	num	meter
	pattern	regex	input
	placeholder	string	input; textarea
	readonly	boolean	input; textarea
	required	boolean	input; textarea
	rows	int>0	textarea
	selected	boolean	option
	size	int>0	input; select
	step	num>0; "any"	input
	target	Valid browsing context name or keyword	form
button; option	value	string	button; option
input	value	varies*	input
	wrap	"soft"; "hard"	textarea
The Rest of Attributes			
	alt	string*	area; img; input
	async	boolean	script
	autoplay	boolean	audio; video
meta	charset	Preferred MIME name of an encoding*	meta
script	charset	Preferred MIME name of an encoding*	script

	cite	URL	blockquote; del; ins; q
	content	string*	meta
	controls	boolean	audio; video
	coords	Valid list of integers*	area
	data	URL	object
	datetime	g.date&time	del; ins
	datetime	date; time	time
	defer	boolean	script
	height	int>=0	canvas; embed; iframe; img; input; object; video
	href	URL	a; area
	href	URL	link
	href	URL	base
	hreflang	lang	a; area; link
	http-equiv	string*	meta
	icon	URL	command
	ismap	boolean	img
	loop	boolean	audio; video
	low	num*	meter
	manifest	URL	html
	media	"screen"; "print"; "projection"; "tv"; "handheld"; "tty"; "braille"; "aural"; "3d-glasses"; "all"	a; area; link; source; style
iframe; object	name	Valid browsing context name or keyword	iframe; object
map	name	string*	map
meta	name	string*	meta
param	name	string	param
	open	boolean	details
	poster	URL	video
	preload	"none"; "metadata"; "auto"	audio; video
	pubdate	boolean	time
	radiogroup	string	command
	rel	Set of space-separated tokens*	a; area; link
	reversed	boolean	ol
	sandbox	Unordered set of unique space-separated tokens consisting of "allow-same-origin", "allow-forms", and "allow-scripts"	iframe
	scoped	boolean	style
	seamless	boolean	iframe
	shape	"circle"; "default"; "poly"; "rect"	area
	sizes	Unordered set of unique space-separated tokens consisting of sizes*	link
	src	URL	audio; embed; iframe; img; input; script; source; video
	srcdoc	The source of an iframe srcdoc document*	iframe

	start	int	ol
	target	Valid browsing context name or keyword	a; area
	target	Valid browsing context name or keyword	base
abbr; dfn	title	string	abbr; dfn
command	title	string	command
link	title	string	link
link; style	title	string	link; style
a; area; link	type	Valid MIME type	a; area; link
command	type	"command"; "checkbox"; "radio"	command
embed; object; script; source; style	type	Valid MIME type	embed; object; script; source; style
menu	type	"context"; "toolbar"	menu
	usemap	Valid hash-name reference*	img; object
li	value	int	li
meter; progress	value	num	meter; progress
param	value	string	param
	width	int>=0	canvas; embed; iframe; img; input; object; video

jQuery Events

Event	Description
Window	
load	Loading document
unload	Closing document
Mouse	
click	Single click
dblclick	Double click
mousedown	Pressing mouse button
mouseup	Releasing mouse button
mousemove	Moving mouse pointer (over the element?)
mouseover	Mouse pointer over the element
mouseout	Mouse pointer out of the element
Keyboard	
keydown	Pressing key
keyup	Releasing key
keypress	Pressing & releasing key
Form	
focus	Focusing on element
blur	Losing focus on element
change	Modifying element's content/value
select	Selecting an option from <select> element
scroll	Scrolling scrollbar (typically in <textarea> element)
submit	Sending values to server
Misc.	
error	Error occurring
resize	Resizing element
AJAX	
ajaxSend	Before sending Ajax request
ajaxStart	Starting sending Ajax request
ajaxComplete	Finishing sending Ajax request
ajaxStop	Finishing sending all Ajax requests
ajaxSuccess	Accomplishing Ajax request successfully
ajaxError	Failing to send Ajax request

Syntex Guideline

*	Indicates that the actual rules are more complicated than indicated in the table above.
n..n	Cardinality: Number of element instances allowed under its parent.
Bold	Means new element/attribute, i.e. supported in HTML5 only.
Gray	Means not recommended.