

# HTML Attributes

## HTML tag Attributes (in-line) supported

Example of an HTML attribute: `<div align="center">`

mPDF supports attribute values in single or double quotes e.g. `<div align="center">` or `<div align='center'>`

Minimised attributes are not supported e.g. `<input type="checkbox" disabled />`

XHTML specification is recommended for best compliance with mPDF.

**Note:** The attributes *class*, *id* and *style* are supported on most HTML tags: see Supported CSS for details.

HTML, BODY and ALL recognised tags	lang*	<b>LANGUAGE-COUNTRY CODE *</b>
	dir	rtl   ltr (mPDF >= 6.0)
HTML, BODY	dir	rtl   ltr (mPDF >= 5.0)
P, DIV	align	left   center   right   justify
TABLE	border	1   0
	width	<b>LENGTH</b>
	align	left   center   right   char char was added in mPDF 5.7
	char	Used in conjunction with align="char". Default if omitted is period "." Non-ASCII characters can be defined with HTML entities e.g. &middot; or &#183; As per HTML 4 spec. Added mPDF 5.7
	bgcolor	#rrggbb
	cellSpacing	<b>LENGTH</b>
	cellPadding	<b>LENGTH</b>
	(repeat_header)	1 (removed from mPDF >= 5.4; use <thead>)
	autosize	<b>FLOAT</b> value >= 0 Shrinks a table to fit if width is too small to allow complete words to fit. The value (must be >=1) determines the maximum allowable factor to shrink i.e. autosize="2" will allow the font-size to be reduced to a minimum of 1/2 the original size. A value of 1 prevents automatic resizing of the table. (custom attribute)
	rotate	90   -90
TR	bgcolor	#rrggbb
TD, TH	width	<b>LENGTH</b>
	height	<b>LENGTH</b> (but not %)
	align	left   center   right
	valign	top   middle   bottom
	bgcolor	#rrggbb
	colspan	<b>INTEGER</b>
	rowspan	<b>INTEGER</b>
	nowrap	nowrap
OL, UL	font-size	<b>FONT-SIZE</b>

OL	type	1   A   a   I   i   disc   circle   square
	start	<b>INTEGER</b> (mPDF >= 5.7)
UL	type	disc   circle   square
IMG	width, height	<b>LENGTH</b>
	max-height, max-width, min-height, min-width	<b>LENGTH</b>
	<i>rotate</i>	90   -90   180 90 = clockwise When width is specified e.g. width="3cm" this is applied to the rotated image i.e. will be width 3cm after rotating
HR	width	nn%
	align	left   center   right
	color	#rrggbb
FONT	face	<b>FONT-FAMILY</b>
	size	1   2   3   4   5   6   7   -1   +1
	color	#rrggbb
FORM	method	get   post (default=post) (mPDF >= 5.3)
	action	<b>URI</b> (mPDF >= 5.3)
TEXTAREA	cols	<b>INTEGER</b>
	rows	<b>INTEGER</b>
	readonly	readonly
	required	required [HTML5] (mPDF >= 5.3)
	spellcheck	true   false [HTML5] Default=false (mPDF >= 5.3)
	onChange	<b>JAVASCRIPT</b> In Active Forms; uses "Acrobat" Javascript (mPDF >= 5.3)
TEXTAREA, SELECT, INPUT	disabled	disabled
	title	<b>TEXT</b>
	name	<b>TEXT</b> Field names in Active Forms must only contain letters, numbers, colon(:), underscore(_) or hyphen(-). (This is largely as per HTML spec, but cannot contain period(.) as this is part of PDF spec for name heirarchies)
SELECT	size	<b>INTEGER</b> size = n rows visible. Default=1
	multiple	multiple
	required	required [HTML5] (mPDF >= 5.3)
	spellcheck	true   false [HTML5] Default=false (mPDF >= 5.3) Only if also editable and size=1
	editable	editable [HTML5] Default=false (mPDF >= 5.3) Only if size=1
	onChange	<b>JAVASCRIPT</b> In Active Forms; uses "Acrobat" Javascript (mPDF >= 5.3)
OPTION	selected	selected
	value	<b>TEXT</b>
INPUT	type	text   password   hidden   image   button   submit   reset   radio   checkbox
INPUT (text, password, hidden, image, button, submit, reset)	size	<b>INTEGER</b> size=n=width as number of characters
	value	<b>TEXT</b>

INPUT (text, password)	maxlength	<b>INTEGER</b>
	readonly	readonly
	required	required [HTML5] (mPDF >= 5.3)
	spellcheck	true   false [HTML5] Default=false (mPDF >= 5.3)
	onChange	<b>JAVASCRIPT</b> In Active Forms; uses "Acrobat" Javascript (mPDF >= 5.3)
INPUT (image, button, submit, reset)	alt	<b>TEXT</b>
	src	<b>TEXT</b>
	onClick	<b>JAVASCRIPT</b> In Active Forms; uses "Acrobat" Javascript (mPDF >= 5.3)
INPUT (button, submit, reset)	<i>noprint</i>	noprint (mPDF >= 5.3)
INPUT (radio, checkbox)	value	<b>TEXT</b> In Active Forms value(s) for radio buttons and checkboxes are required, and can only contain letters, numbers, colon(:), underscore(_), hyphen(-) or period(.)
DOTTAB	<i>outdent</i>	<b>LENGTH</b> (mPDF >= 5.7)
METER	value, max, min, low, high, optimum	<b>FLOAT</b> [HTML5 spec]
PROGRESS	value, max	<b>FLOAT</b> [HTML5 spec]
METER, PROGRESS	width, height	<b>LENGTH</b>
	<i>type</i>	Any alphanumeric string. If present, will select custom progress/meter formats - IF they have been defined by the user by editing script <code>classes/meter.php</code>

\* *lang* is only recognised when the variable `$useLang` is set to **TRUE (DEFAULT is TRUE)**

**Note:** Table page-break-inside, autosize values and rotate are only respected for that set on first level table of nested tables

**Note:** Attributes like nowrap, disabled, multiple, readonly, selected, checked are only supported in their formal/long form i.e. `selected="selected"`

**Note:** **LANGUAGE-COUNTRY CODE** accepts codes for *lang* according to the [HTML specification](#). e.g. "en", "en-US", "fr", "zh-HK". The settings for these languages are defined in the `config_cp.php` configuration file. Other codes for character sets (or codepages) are recognised - see `mPDF()`.

## Changelog

Version	Description
2.0	TD border="1" was supported <= mPDF 1.3, but is not valid HTML and is now ignored TABLE align="..." with a rotated table - changed to set the alignment ignoring the rotation i.e. align=right sets the table to the right side of the page (looking as though it is bottom-aligned)
2.3	<i>lang</i> was added.
4.0	Default value of <i>lang</i> changed to <b>TRUE</b>
5.0	<i>dir</i> was added to HTML and BODY

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