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Date & Time

Variables in this category:

- CALENDAR -- show a monthly calendar with highlighted events
- DATEPICKER{ } -- pop-up calendar to select a date for use in HTML forms

CALENDAR -- show a monthly calendar with highlighted events

- Events are defined by bullets, see CalendarPlugin#Event_Syntax for details. The `%CALENDAR{ }%` variable is handled by the CalendarPlugin.
- Syntax: `%CALENDAR{ parameters }%`
- Parameters:

Parameter	Description	Default
<code>year="yyyy"</code>	The year	Current year
<code>year="+yy" or "-yy"</code>	Relative year	Current year
<code>month="mm"</code>	The month	Current month
<code>month="+mm" or "-mm"</code>	relative month	Current month
<code>gmtoffset="+/-hh"</code>	Timezone expressed as number of hours offset from GMT	Server timezone
<code>topic="TopicName"</code>	Topic containing events	The topic containing the tag
<code>topic="Web.TopicName1, Web.TopicName2"</code>	Topics containing events	The topics containing the tags
<code>web="Webname"</code>	Web containing the event topic	The current web
<code>lang="language"</code>	Language: First few characters of "English", "Francais", "Deutsch", "Espagnol", "Portugues", "Nederlands", "Italiano", "Norsk", "Svenska", "Dansk", "Suomi", "Magyar", "Polski	"English"
<code>daynames="Mon Tue ..."</code>	Custom day names	"Monday Tuesday Wednesday Thursday Friday Saturday Sunday"
<code>header="..."</code>	Text at the top of the calendar; use <code>\$m</code> for current month, <code>\$y</code> for year	Current month and year
<code>weekstartsonmonday="1" or "0"</code>	Flag to start week on Monday	"0" (Sunday)
<code>showdatenumbers="0"</code>	Show day numbers 1...31 in date cells. Note that <code>showdatenumbers=1</code> means that <code>HTML::CalendarMonthSimple</code> will add the date numbers to the cells. If <code>showdatenumbers=0</code> , then the plugin adds the date numbers. The result of this is that a calendar will always show the date numbers.	"0" (except with <code>aslist="1"</code> , see below)
<code>showweekdayheaders="1"</code>	Show the weekday headers	"0"
<code>weekdayheadersbig="0"</code>	If enabled, show weekday headers in bold cell headings	"1"
<code>cellalignment="left"</code>	Horizontal cell alignment of day cells: "left", "center", "right", "justify", "char"	"center"
<code>vcellalignment="middle"</code>	Vertical cell alignment of day cells: "top", "middle", "bottom", "baseline"	"top"

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<code>cellheight="n"</code>	Height in pixels of each cell in the calendar	Minimum height needed
<code>format="..."</code>	How to highlight a date	See Event Formatting below
<code>width="n" or "n%"</code>	Width of calendar table in pixels or percent	Minimum width needed
<code>sharpborders="n"</code>	If set to 1, this gives very crisp edges between the table cells. If set to 0 standard HTML cells are used.	"1"
<code>border="n"</code>	Border width of calendar table. (<code>sharpborders="0"</code> required)	"1"
<code>cellspacing="n"</code>	Spacing of calendar cells. (<code>sharpborders="0"</code> required)	"0"
<code>cellpadding="n"</code>	Padding of calendar cells. (<code>sharpborders="0"</code> required)	"3"
<code>nowrap="1" or "0"</code>	Prevent cell content from wrapping	"0"
<code>bgcolor="#nnnn"</code>	Default background color of all cells unless redefined by other color settings below (use an HTML color-code like "#000000" as defined in StandardColors)	"white"
<code>contentcolor="#nnnn"</code>	Default content color of all cells unless redefined	"black"
<code>headercolor="#nnnn"</code>	Background color of the Month+Year header	The web bgcolor
<code>headercontentcolor="#nnnn"</code>	Content color of the Month+Year header	contentcolor setting
<code>weekdayheadercolor="#nnnn"</code>	Background color of weekdays' headers	bgcolor setting
<code>weekdayheadercontentcolor="#nnnn"</code>	Content color of weekdays' headers	contentcolor setting
<code>weekendheadercolor="#nnnn"</code>	Background color of weekends' headers	bgcolor setting
<code>weekendheadercontentcolor="#nnnn"</code>	Content color of weekends' headers	contentcolor setting
<code>weekdaycolor="#nnnn"</code>	Background color of weekday cells	bgcolor setting
<code>weekdaycontentcolor="#nnnn"</code>	Content color of weekday cells	contentcolor setting
<code>weekendcolor="#nnnn"</code>	Background of weekend cells	light gray
<code>weekendcontentcolor="#nnnn"</code>	Content color of weekend cells	contentcolor setting
<code>todaycolor="#nnnn"</code>	Background of today's cell	The web bgcolor
<code>todaycontentcolor="#nnnn"</code>	Content color of today's cell	contentcolor setting
and other attributes of HTML::CalendarMonthSimple		
<code>aslist</code>	Controls whether events displayed in calendar style (<code>aslist=0</code>) or list style (<code>aslist=1</code>). Note that specifying <code>aslist=1</code> forces <code>showdatenumbers=1</code> . This is done to ensure that the date number is formatted according to <code>datenumbersformat</code> and that only the days that have an event are listed.	"0"
<code>days</code>	Specifies how many days of calendar data to list. Only valid if <code>aslist="1"</code> .	"1"
<code>months</code>	Specifies how many months of calendars to display. Only valid if <code>aslist="0"</code> .	"1"
<code>datenumbersformat</code>	Specifies formatting for the date number in each cell. The formatting codes accepted are the same as those for the	<code>\$day</code> (if <code>aslist="0"</code>) * <code>\$day \$mon \$year</code> (if <code>aslist="1"</code>)

	%GMTIME% variable.	
todaydatenumberformat	Specifies formatting for the date number for the current day (today) in the calendar. The formatting codes accepted are the same as those for the %GMTIME% variable.	datenumberformat
multidayformat	Specifies formatting of the description for multi-day events. See Multi-Day Event Formatting for details.	\$description

- Example: `%CALENDAR{ month="2" year="2021" bgcolor="cyan" }%` shows a February 2021 calendar
- Category: DateAndTimeVariables, FormattingAndRenderingVariables
- Related: DATE, DISPLAYTIME, GMTIME{"format"}, SERVETIME, CalendarPlugin (this topic)

DATEPICKER{} -- pop-up calendar to select a date for use in HTML forms

- The `%DATEPICKER{}%` variable is handled by the DatePickerPlugin.
- Syntax: `%DATEPICKER{ name="..." value="..." }%`
- Parameters:

Parameter	Description	Default	Example
name	Name of input field. : No output is shown if the name parameter is missing, but the CSS and Javascript are loaded.	(required)	name="Start"
value	Initial date value.	" (today)	value="2012-12-31"
format	Format of resulting date value. ? %a - abbreviated weekday name ? %A - full weekday name ? %b - abbreviated month name ? %B - full month name ? %C - century number ? %d - the day of the month (00 ... 31) ? %e - the day of the month (0 ... 31) ? %H - hour (00 ... 23) ? %I - hour (01 ... 12) ? %j - day of the year (000 ... 366) ? %k - hour (0 ... 23) ? %l - hour (1 ... 12) ? %m - month (01 ... 12) ? %M - minute (00 ... 59) ? %n - a newline character ? %p - "PM" or "AM" ? %P - "pm" or "am" ? %S - second (00 ... 59) ? %s - number of seconds since Epoch (since Jan 01 1970 00:00:00 UTC) ? %t - a tab character ? %U, %W, %V - the week number. The week 01 is the week that has the Thursday in the current year, which is equivalent to the week that contains the fourth day of January. Weeks start on Monday.	"%Y-%m-%d"	format="%e %b %Y"

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	? %u - the day of the week (1 ... 7, 1 = MON) ? %w - the day of the week (0 ... 6, 0 = SUN) ? %y - year without the century (00 ... 99) ? %Y - year including the century (ex. 2012) ? %% - a literal % character		
id	ID of input field, optional.	"id_" + name	id="idStart"
size	Size of input field, in number of characters.	(calculated as needed)	size="12"
class	CSS class of input field.	"twikiInputField"	class="dateField"
Additional HTML input field attributes, such as alt, disabled, maxlength, onblur, onchange, onfocus, readonly, style, tabindex, title			

- **Example:**

```
<form action="...">
  %DATEPICKER{ name="Start_Date" }%
</form>
```

- **Expands to:**

- **Category:** ApplicationsAndComponentsVariables, DatabaseAndFormsVariables, DateAndTimeVariables, EditingAndContentUpdateVariables, FormattingAndRenderingVariables, UIAndVisualizationVariables
- **Related:** DatePickerPlugin, TWikiForms (this topic)

Total: 2 variables

Categories:

Related Topics: TWikiVariables, TWikiVariablesSearch, TWikiVariablesQuickStart

This topic: TWiki > DateAndTimeVariables

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