

# Options

All options that take a “Date” can handle a `Date` object; a String formatted according to the given `format`; or a timedelta relative to today, eg “-1d”, “+6m +1y”, etc, where valid units are “d” (day), “w” (week), “m” (month), and “y” (year). Use “0” as today. There are also aliases for the relative timedelta’s: “yesterday” equals “-1d”, “today” is equal to “+0d” and “tomorrow” is equal to “+1d”.

Most options can be provided via data-attributes. An option can be converted to a data-attribute by taking its name, replacing each uppercase letter with its lowercase equivalent preceded by a dash, and prepending “data-date-” to the result. For example, `startDate` would be `data-date-start-date`, `format` would be `data-date-format`, and `daysOfWeekDisabled` would be `data-date-days-of-week-disabled`.

See the [quick reference](#) for an overview of all options and their default values

## autoclose

Boolean. Default: false

Whether or not to close the datepicker immediately when a date is selected.

## beforeShowDay

Function(Date). Default: `$.noop`

A function that takes a date as a parameter and returns one of the following values:

- `undefined` to have no effect
- A Boolean, indicating whether or not this date is selectable
- A String representing additional CSS classes to apply to the date’s cell
- An object with the following properties:
  - `enabled`: same as the Boolean value above
  - `classes`: same as the String value above
  - `tooltip`: a tooltip to apply to this date, via the `title` HTML attribute

## beforeShowMonth

Function(Date). Default: \$.noop

A function that takes a date as a parameter and returns one of the following values:

- undefined to have no effect
- A Boolean, indicating whether or not this month is selectable
- A String representing additional CSS classes to apply to the month's cell
- An object with the following properties:
  - `enabled`: same as the Boolean value above
  - `classes`: same as the String value above
  - `tooltip`: a tooltip to apply to this date, via the `title` HTML attribute

## beforeShowYear

Function(Date). Default: \$.noop

A function that takes a date as a parameter and returns one of the following values:

- undefined to have no effect
- A Boolean, indicating whether or not this year is selectable
- A String representing additional CSS classes to apply to the year's cell
- An object with the following properties:
  - `enabled`: same as the Boolean value above
  - `classes`: same as the String value above
  - `tooltip`: a tooltip to apply to this year, via the `title` HTML attribute

## beforeShowDecade

Function(Date). Default: \$.noop

A function that takes a date as a parameter and returns one of the following values:

- undefined to have no effect
- A Boolean, indicating whether or not this year is selectable
- A String representing additional CSS classes to apply to the year's cell
- An object with the following properties:
  - `enabled`: same as the Boolean value above
  - `classes`: same as the String value above
  - `tooltip`: a tooltip to apply to this year, via the `title` HTML attribute

## beforeShowCentury

Function(Date). Default: \$.noop

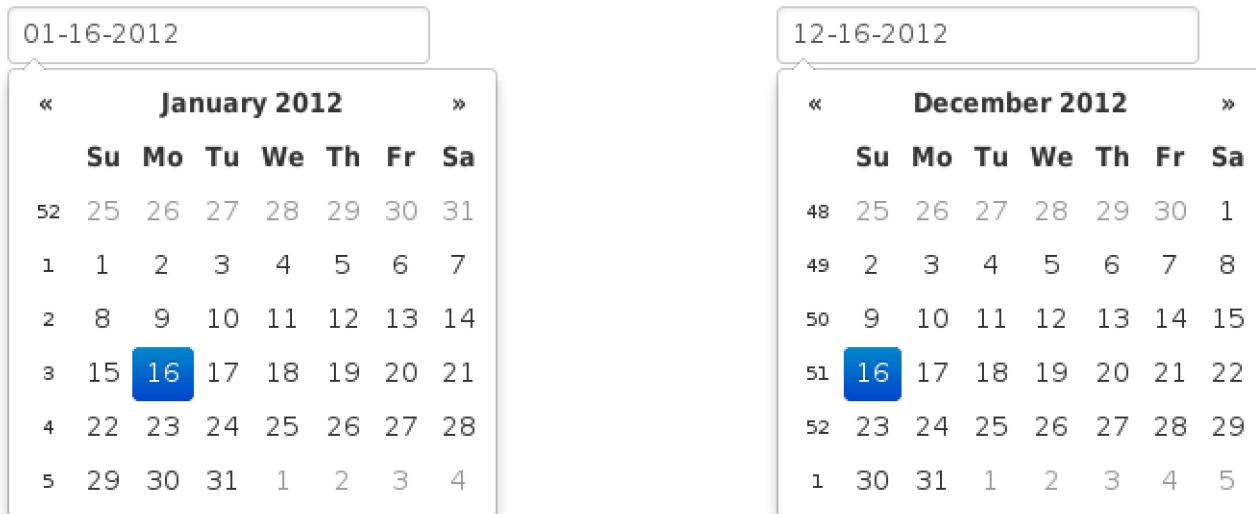
A function that takes a date as a parameter and returns one of the following values:

- undefined to have no effect
- A Boolean, indicating whether or not this year is selectable
- A String representing additional CSS classes to apply to the year's cell
- An object with the following properties:
  - `enabled`: same as the Boolean value above
  - `classes`: same as the String value above
  - `tooltip`: a tooltip to apply to this year, via the `title` HTML attribute

## calendarWeeks

Boolean. Default: false

Whether or not to show week numbers to the left of week rows.



## clearBtn

Boolean. Default: false

If true, displays a “Clear” button at the bottom of the datepicker to clear the input value. If “autoclose” is also set to true, this button will also close the datepicker.



## container

String. Default: "body"

Appends the date picker popup to a specific element; eg: container: '#picker-container' (will default to "body")

## datesDisabled

String, Array. Default: []

Array of date strings or a single date string formatted in the given date format

## daysOfWeekDisabled

String, Array. Default: []

Days of the week that should be disabled. Values are 0 (Sunday) to 6 (Saturday).

Multiple values should be comma-separated. Example: disable weekends: `'06'` or

`'0,6'` or `[0,6]`.



## daysOfWeekHighlighted

String, Array. Default: []

Days of the week that should be highlighted. Values are 0 (Sunday) to 6 (Saturday). Multiple values should be comma-separated. Example: highlight weekends: `'0,6'` or `'0,6'` or `[0,6]`.

## defaultViewDate

Object with keys `year`, `month`, and `day`. Default: today

Date to view when initially opening the calendar. The internal value of the date remains today as default, but when the datepicker is first opened the calendar will open to `defaultViewDate` rather than today. If this option is not used, “today” remains the default view date. If the given object is missing any of the required keys, their defaults are:

- `year`: the current year
- `month`: 0
- `day`: 1

## disableTouchKeyboard

Boolean. Default: false

If true, no keyboard will show on mobile devices

## enableOnReadonly

Boolean. Default: true

If false the datepicker will not show on a readonly datepicker field.

## endDate

Date. Default: End of time

The latest date that may be selected; all later dates will be disabled.



```
<input type="text" data-provide="datepicker" data-date-end-date="0d">
```

Will disable all dates after today.

## forceParse

Boolean. Default: true

Whether or not to force parsing of the input value when the picker is closed. That is, when an invalid date is left in the input field by the user, the picker will forcibly parse that value, and set the input's value to the new, valid date, conforming to the given *format*.

## assumeNearbyYear

Boolean or Integer. Default: false

If true, manually-entered dates with two-digit years, such as “5/1/15”, will be parsed as “2015”, not “15”. If the year is less than 10 years in advance, the picker will use the current century, otherwise, it will use the previous one. For example “5/1/15” would parse to May 1st, 2015, but “5/1/97” would be May 1st, 1997.

To configure the number of years in advance that the picker will still use the current century, use an Integer instead of the Boolean true. E.g. “assumeNearbyYear: 20”

## format

String. Default: “mm/dd/yyyy”

The date format, combination of d, dd, D, DD, m, mm, M, MM, yy, yyyy.

- d, dd: Numeric date, no leading zero and leading zero, respectively. Eg, 5, 05.
- D, DD: Abbreviated and full weekday names, respectively. Eg, Mon, Monday.
- m, mm: Numeric month, no leading zero and leading zero, respectively. Eg, 7, 07.
- M, MM: Abbreviated and full month names, respectively. Eg, Jan, January
- yy, yyyy: 2- and 4-digit years, respectively. Eg, 12, 2012.

Object.

Custom formatting options

- toDisplay: function (date, format, language) to convert date object to string, that will be stored in input field
- toValue: function (date, format, language) to convert string object to date, that will be used in date selection

```
$('.datepicker').datepicker({
    format: {
        /*
         * Say our UI should display a week ahead,
         * but textbox should store the actual date.
         * This is useful if we need UI to select local dates,
         * but store in UTC
        */
        toDisplay: function (date, format, language) {
            var d = new Date(date);
            d.setDate(d.getDate() - 7);
            return d.toISOString();
        },
        toValue: function (date, format, language) {
            var d = new Date(date);
            d.setDate(d.getDate() + 7);
            return new Date(d);
        }
    },
    autoclose: true
});
```

## immediateUpdates

Boolean. Default: false

If true, selecting a year or month in the datepicker will update the input value immediately. Otherwise, only selecting a day of the month will update the input value immediately.

## inputs

Array, jQuery. Default: None

A list of inputs to be used in a range picker, which will be attached to the selected element. Allows for explicitly creating a range picker on a non-standard element.

```
<div class="form-group form-group-filled" id="event_period">
    <input type="text" class="actual_range">
    <input type="text" class="actual_range">
</div>
```

```
$('#event_period').datepicker({
  inputs: $('.actual_range')
});
```

## keepEmptyValues

Boolean. Default: false

Only effective in a range picker. If true, the selected value does not get propagated to other, currently empty, pickers in the range.

## keyboardNavigation

Boolean. Default: true

Whether or not to allow date navigation by arrow keys.

## language

String. Default: “en”

The IETF code (eg “en” for English, “pt-BR” for Brazilian Portuguese) of the language to use for month and day names. These will also be used as the input’s value (and subsequently sent to the server in the case of form submissions). If a full code (eg “de-DE”) is supplied the picker will first check for an “de-DE” language and if not found will fallback and check for a “de” language. If an unknown language code is given, English will be used. See [I18N](#).

« March 2013 »							« 2013 »							« mars 2013 »							
Su	Mo	Tu	We	Th	Fr	Sa	Ene	Feb	Mar	Abr	I	ma	me	j	v	s	d				
24	25	26	27	28	1	2					25	26	27	28	1	2	3				
3	4	5	6	7	8	9					4	5	6	7	8	9	10				
10	11	12	13	14	15	16					11	12	13	14	15	16	17				
17	18	19	20	21	22	23					18	19	20	21	22	23	24				
24	25	26	27	28	29	30					25	26	27	28	29	30	31				
31	1	2	3	4	5	6					1	2	3	4	5	6	7				
« 2013 »							« 2013年03月 »							« 2013 »							
1月	2月	3月	4月	日 月 火 水 木 金 土							Янв	Фев	Мар	Апр							
				24	25	26	27	28	1	2											
				3	4	5	6	7	8	9											
5月	6月	7月	8月	10	11	12	13	14	15	16											
				17	18	19	20	21	22	23											
9月	10月	11月	12月	24	25	26	27	28	29	30											
				31	1	2	3	4	5	6											

## maxViewMode

Number, String. Default: 4, “centuries”

Set a maximum limit for the view mode. Accepts: 0 or “days” or “month”, 1 or “months” or “year”, 2 or “years” or “decade”, 3 or “decades” or “century”, and 4 or “centuries” or “millenium”. Gives the ability to pick only a day, a month, a year or a decade. The day is set to the 1st for “months”, the month is set to January for “years”, the year is set to the first year from the decade for “decades”, and the year is set to the first from the millennium for “centuries”.

## minViewMode

Number, String. Default: 0, “days”

Set a minimum limit for the view mode. Accepts: 0 or “days” or “month”, 1 or “months” or “year”, 2 or “years” or “decade”, 3 or “decades” or “century”, and 4 or “centuries” or “millenium”. Gives the ability to pick only a month, a year or a decade. The day is set to the 1st for “months”, and the month is set to January for “years”, the year is set to the first year from the decade for “decades”, and the year is set to the first from the millennium for “centuries”.

## multidate

Boolean, Number. Default: false

Enable multiday picking. Each date in month view acts as a toggle button, keeping track of which dates the user has selected in order. If a number is given, the picker will limit how many dates can be selected to that number, dropping the oldest dates from the list when the number is exceeded. `true` equates to no limit. The input's value (if present) is set to a string generated by joining the dates, formatted, with `multidaySeparator`.

For selecting 2 dates as a range please see [date-range](#)



## multidaySeparator

String. Default: ""

The string that will appear between dates when generating the input's value. When parsing the input's value for a multiday picker, this will also be used to split the incoming string to separate multiple formatted dates; as such, it is highly recommended that you not use a string that could be a substring of a formatted date (eg, using '-' to separate dates when your format is 'yyyy-mm-dd').

## orientation

String. Default: "auto"

A space-separated string consisting of one or two of "left" or "right", "top" or "bottom", and "auto" (may be omitted); for example, "top left", "bottom" (horizontal orientation will default to "auto"), "right" (vertical orientation will default to "auto"), "auto top". Allows for fixed placement of the picker popup.

"orientation" refers to the location of the picker popup's "anchor"; you can also think of it as the location of the trigger element (input, component, etc) relative to the picker.

“auto” triggers “smart orientation” of the picker. Horizontal orientation will default to “left” and left offset will be tweaked to keep the picker inside the browser viewport; vertical orientation will simply choose “top” or “bottom”, whichever will show more of the picker in the viewport.

## showOnFocus

Boolean. Default: true

If false, the datepicker will be prevented from showing when the input field associated with it receives focus.

## startDate

Date. Default: Beginning of time

The earliest date that may be selected; all earlier dates will be disabled.



## startView

Number, String. Default: 0, “days”

The view that the datepicker should show when it is opened. Accepts: 0 or “days” or “month”, 1 or “months” or “year”, 2 or “years” or “decade”, 3 or “decades” or “century”, and 4 or “centuries” or “millenium”. Useful for date-of-birth datepickers.

## templates

Object. Default:

```
{  
  leftArrow: '&laquo;',  
  rightArrow: '&raquo;'  
}
```

The templates used to generate some parts of the picker. Each property must be a string with only text, or valid html. You can use this property to use custom icons libs. for example:

```
{  
  leftArrow: '<i class="fa fa-long-arrow-left"></i>',  
  rightArrow: '<i class="fa fa-long-arrow-right"></i>'  
}
```

## **title**

String. Default: “”

The string that will appear on top of the datepicker. If empty the title will be hidden.

## **todayBtn**

Boolean, “linked”. Default: false

If true or “linked”, displays a “Today” button at the bottom of the datepicker to select the current date. If true, the “Today” button will only move the current date into view; if “linked”, the current date will also be selected.

03/03/2013

March 2013						
Su	Mo	Tu	We	Th	Fr	Sa
24	25	26	27	28	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Today

## todayHighlight

Boolean. Default: false

If true, highlights the current date.

03/03/2013

March 2013						
Su	Mo	Tu	We	Th	Fr	Sa
24	25	26	27	28	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

03/18/2013

March 2013						
Su	Mo	Tu	We	Th	Fr	Sa
24	25	26	27	28	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

## toggleActive

Boolean. Default: false

If true, selecting the currently active date in the datepicker will unset the respective date. This option is always true when the multidate option is being used.

## weekStart

Integer. Default: 0

Day of the week start. 0 (Sunday) to 6 (Saturday)



## zIndexOffset

Integer. Default: 10

The CSS z-index of the open datepicker is the maximum z-index of the input and all of its DOM ancestors *plus* the `zIndexOffset`.

## Quick reference

This is a quick overview of all the options and their default values

Option	Default value
autoclose	false
beforeShowDay	
beforeShowMonth	
beforeShowYear	
beforeShowDecade	
beforeShowCentury	
calendarWeeks	false
clearBtn	false
container	'body'
datesDisabled	[]

daysOfWeekDisabled	[]
daysOfWeekHighlighted	[]
defaultViewDate	today
disableTouchKeyboard	false
enableOnReadonly	true
endDate	Infinity
forceParse	true
assumeNearbyYear	false
format	'mm/dd/yyyy'
immediateUpdates	false
inputs	
keepEmptyValues	false
keyboardNavigation	true
language	'en'
maxViewMode	4 'centuries'
minViewMode	0 'days'
multidate	false
multidateSeparator	;
orientation	'auto'
showOnFocus	true
startDate	-Infinity
startView	0 'days' (current month)
templates	
title	"
todayBtn	false
todayHighlight	true
toggleActive	false
weekStart	0 (Sunday)
zIndexOffset	10

