JavaScript Date Reference

Date Object

The Date object is used to work with dates and times.

Date objects are created with **new Date()**.

There are four ways of instantiating a date:

```
var d = new Date();
var d = new Date(milliseconds);
var d = new Date(dateString);
var d = new Date(year, month, day, hours, minutes, seconds, milliseconds);
```

For a tutorial about date and times, read our JavaScript Date Tutorial.

Date Object Properties

Property	Description
constructor	Returns the function that created the Date object's prototype
prototype	Allows you to add properties and methods to an object

Date Object Methods

Method	Description
getDate()	Returns the day of the month (from 1-31)
getDay()	Returns the day of the week (from 0-6)
getFullYear()	Returns the year

getHours()	Returns the hour (from 0-23)
getMilliseconds()	Returns the milliseconds (from 0-999)
getMinutes()	Returns the minutes (from 0-59)
getMonth()	Returns the month (from 0-11)
getSeconds()	Returns the seconds (from 0-59)
getTime()	Returns the number of milliseconds since midnight Jan 1 1970, and a specified date
getTimezoneOffset()	Returns the time difference between UTC time and local time, in minutes
getUTCDate()	Returns the day of the month, according to universal time (from 1-31)
getUTCDay()	Returns the day of the week, according to universal time (from 0-6)
getUTCFullYear()	Returns the year, according to universal time
getUTCHours()	Returns the hour, according to universal time (from 0-23)
getUTCMilliseconds()	Returns the milliseconds, according to universal time (from 0-999)
getUTCMinutes()	Returns the minutes, according to universal time (from 0-59)
getUTCMonth()	Returns the month, according to universal time (from 0-11)
getUTCSeconds()	Returns the seconds, according to universal time (from 0-59)

getYear()	**Deprecated.** Use the getFullYear() method instead
now()	Returns the number of milliseconds since midnight Jan 1, 1970
parse()	Parses a date string and returns the number of milliseconds since January 1, 1970
setDate()	Sets the day of the month of a date object
setFullYear()	Sets the year of a date object
setHours()	Sets the hour of a date object
setMilliseconds()	Sets the milliseconds of a date object
setMinutes()	Set the minutes of a date object
setMonth()	Sets the month of a date object
setSeconds()	Sets the seconds of a date object
setTime()	Sets a date to a specified number of milliseconds after/before January 1, 1970
setUTCDate()	Sets the day of the month of a date object, according to universal time
setUTCFullYear()	Sets the year of a date object, according to universal time
setUTCHours()	Sets the hour of a date object, according to universal time
setUTCMilliseconds()	Sets the milliseconds of a date object, according to universal time
setUTCMinutes()	Set the minutes of a date object, according to universal time

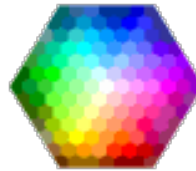|	
setUTCMonth()	Sets the month of a date object, according to universal time
setUTCSeconds()	Set the seconds of a date object, according to universal time
setYear()	Deprecated. Use the setFullYear() method instead
toDateString()	Converts the date portion of a Date object into a readable string
toGMTString()	Deprecated. Use the toUTCString() method instead
toISOString()	Returns the date as a string, using the ISO standard
toJSON()	Returns the date as a string, formatted as a JSON date
toLocaleDateString()	Returns the date portion of a Date object as a string, using locale conventions
toLocaleTimeString()	Returns the time portion of a Date object as a string, using locale conventions
toLocaleString()	Converts a Date object to a string, using locale conventions
toString()	Converts a Date object to a string
toTimeString()	Converts the time portion of a Date object to a string
toUTCString()	Converts a Date object to a string, according to universal time
UTC()	Returns the number of milliseconds in a date since midnight of January 1, 1970, according to UTC time
valueOf()	Returns the primitive value of a Date object

Your ERP Problems, Solved

Multiple System ERP Headaches? Combine ERP Systems
Into One. erp.plex.com/

>

COLOR PICKER

LEARN MORE

Tabs

Dropdowns

Accordions

Convert Weights

Animated Buttons

Side Navigation

Top Navigation

JS Animations

Modal Boxes

Progress Bars

Parallax
Login Form
HTML Includes
Google Maps
Loaders
Tooltips
Slideshow
Filter List
Sort List

SHARE

CERTIFICATES

HTML, CSS, JavaScript, PHP, jQuery, Bootstrap and XML.

Read More »

W3.CSS Templates

Top 10 Tutorials

HTML Tutorial
CSS Tutorial
JavaScript Tutorial
W3.CSS Tutorial
Bootstrap Tutorial
SQL Tutorial
PHP Tutorial
jQuery Tutorial
Angular Tutorial
XML Tutorial

Top 10 References

HTML Reference
CSS Reference
JavaScript Reference
W3.CSS Reference
Browser Statistics
PHP Reference
HTML Colors
HTML Character Sets
jQuery Reference
AngularJS Reference

Top 10 Examples

HTML Examples
CSS Examples
JavaScript Examples
W3.CSS Examples
HTML DOM Examples
PHP Examples
ASP Examples
jQuery Examples
Angular Examples
XML Examples

Web Certificates

HTML Certificate
CSS Certificate
JavaScript Certificate
jQuery Certificate
PHP Certificate
Bootstrap Certificate
XML Certificate

W3Schools is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using this site, you agree to have read and accepted our terms of use, cookie and privacy policy. Copyright 1999-2017 by Refsnes Data. All Rights Reserved.
Powered by W3.CSS.

w3schools.com