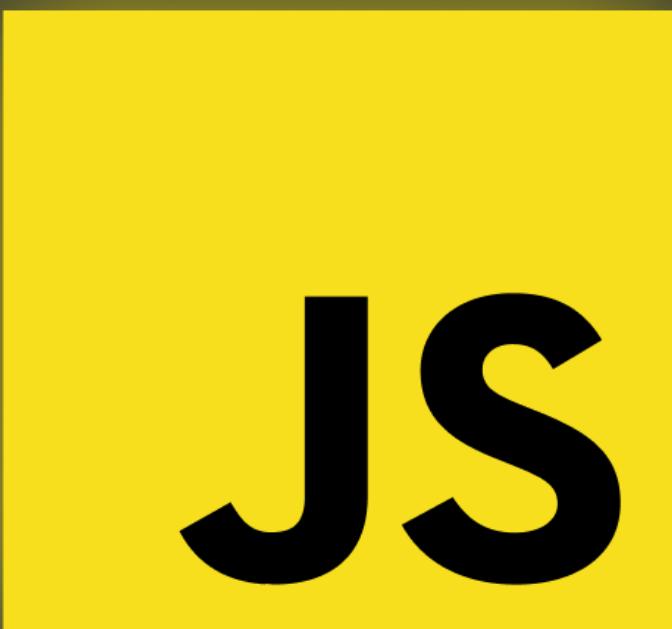




JavaScript CheatSheet

- Date Methods
- Math Methods

A large, bold, black 'JS' logo is centered on a solid yellow square background. The square has a thin black border and is positioned in the lower-right quadrant of the page, overlapping the footer area.

Math Object

abs(x)

Returns the absolute value of x

acos(x)

Returns the arccosine of x, in radians

acosh(x)

Returns the hyperbolic arccosine of x

asin(x)

Returns the arcsine of x, in radians

asinh(x)

Returns the hyperbolic arcsine of x

atan(x)

Returns the arctangent of x as a numeric value between -PI/2 and PI/2 radians

Math Object

atan2(y, x)

Returns the arctangent of the quotient of its arguments

atanh(x)

Returns the hyperbolic arctangent of x

cbrt(x)

Returns the cubic root of x

ceil(x)

Returns x, rounded upwards to the nearest integer

cos(x)

Returns the cosine of x (x is in radians)

cosh(x)

Returns the hyperbolic cosine of x

Math Object

exp(x)

Returns the value of Ex

floor(x)

Returns x, rounded downwards to the nearest integer

log(x)

Returns the natural logarithm (base E) of x

max(x, y, z, ..., n)

Returns the number with the highest value

min(x, y, z, ..., n)

Returns the number with the lowest value

pow(x, y)

Returns the value of x to the power of y

Math Object

random()

Returns a random number between 0 and 1

round(x)

Rounds x to the nearest integer

sign(x)

Returns if x is negative, null or positive (-1, 0, 1)

sin(x)

Returns the sine of x (x is in radians)

sinh(x)

Returns the square root of x

sqrt(x)

Returns the square root of x

Math Object

tan(x)

Returns the tangent of an angle

tanh(x)

Returns the hyperbolic tangent of a number

trunc(x)

Returns the integer part of a number (x)

Date Objects

Get Date Methods

getFullYear()

Get the year as a four digit number (yyyy)

getMonth()

Get the month as a number (0-11)

getDate()

Get the day as a number (1-31)

getHours()

Get the hour (0-23)

getMinutes()

Get the minute (0-59)

Date Objects

getTime()

Get the time (milliseconds since January 1, 1970)

getDay()

Get the weekday as a number (0-6)

Date.now()

Get the time. ECMAScript 5.

getSeconds()

Get the second (0-59)

getMilliseconds()

Get the millisecond (0-999)

Date Objects

UTC Date Methods

getUTCDate()

Same as getDate(), but returns the UTC date

getUTCDay()

Same as getDay(), but returns the UTC day

getUTCFullYear()

Same as getFullYear(), but returns the UTC year

getUTCMonth()

Same as getMonth(), but returns the UTC month

getUTCHours()

Same as getHours(), but returns the UTC hour

Date Objects

getUTCMinutes()

Same as getMinutes(), but returns the UTC minutes

getUTCSeconds()

Same as getSeconds(), but returns the UTC seconds

getUTCMilliseconds()

Same as getMilliseconds(), but returns the UTC milliseconds

Date Objects

Set Date Methods

setDate()

Set the day as a number (1-31)

setFullYear()

Set the year (optionally month and day)

setMonth()

Set the month (0-11)

setHours()

Set the hour (0-23)

setMinutes()

Set the minutes (0-59)

Date Objects

setSeconds()

Set the seconds (0-59)

setMilliseconds()

Set the milliseconds (0-999)

setTime()

Set the time (milliseconds since January 1, 1970)

Date Objects

new Date()

Creates a new date object with the current date and time

new Date(year, month, ...)

creates a new date object with a specified date and time

new Date(dateString)

creates a new date object from a date string

new Date(milliseconds)

creates a new date object as zero time plus milliseconds

Want to Become a JavaScript Master ?

If you're serious about learning JavaScript and getting a job as a web developer. I highly encourage you to enroll in my **Complete Path to JavaScript Mastery Course**. Don't waste your time following disconnected, outdated tutorials. My Course has everything you need in one place:

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