

# JavaScript Date Objects

- description : JavaScript Date Objects
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## Ref

[JavaScript Date Objects](#)

JavaScript Date Object

## JavaScript Date Output

JavaScript

```

<!DOCTYPE html>
<html>
<body>
<h2>JavaScript new Date()</h2>
<p id="demo"></p>
<script>
var d = new Date();
document.getElementById("demo").innerHTML = d;
</script>
</body>
</html>

```

## Creating Date Objects

Date            new Date() \_\_\_\_\_(constructor)            .

                 \_\_\_\_\_(date object)                            4 가 가            .

```

new Date()
new Date(year, month, day, hours, minutes, seconds, milliseconds)
new Date(date string)

```

## new Date()

new Date()

```
var d = new Date();
```

Date (static) . date objects .

## new Date(year, month, ...)

new Date(year, month, ...) date .  
7 (year), (month), (day), (hour), (minute), (second) (millisecond)  
:

```
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript new Date()</h2>
<p>Using new Date(7 numbers), creates a new date object with the specified date and time.</p>
<p id="demo"></p>
<script>
var d = new Date(2018, 11, 24, 10, 33, 30, 0);
document.getElementById("demo").innerHTML = d;
</script>
</body>
</html>
```

### Note:

JavaScript 0 11 .  
1 0 , 12 11 .  
6 (year), (month), (day), (hour), (minute), (second) .

```
var d = new Date(2018, 11, 24, 10, 33, 30) // Mon Dec 24 2018 10:33:30 GMT+0900 ( )
```

5 (year), (month), (day), (hour), (minute) .

```
var d = new Date(2018, 11, 24, 10, 33); // Mon Dec 24 2018 10:33:00 GMT+0900 ( )
```

4 (year), (month), (day), (hour) .

```
var d = new Date(2018, 11, 24, 10); // Mon Dec 24 2018 10:00:00 GMT+0900
( )
```

3 (year), (month), (day) .

```
var d = new Date(2018, 11, 24); // Mon Dec 24 2018 00:00:00 GMT+0900 ( )
```

2 (year), (month) .

```
var d = new Date(2018, 11); // Sat Dec 01 2018 00:00:00 GMT+0900 ( )
```

(month) .

```
var d = new Date(2018); // Thu Jan 01 1970 09:00:02 GMT+0900 ( )
```

## Previous Century

19xx .

```
var d = new Date(99, 11, 24) // Fri Dec 24 1999 00:00:00 GMT+0900 ( )
```

```
var d = new Date(09, 11, 24) // Fri Dec 24 1909 00:00:00 GMT+0830 ( )
```

## new Date(dateString)

new Date(dateString) **date string** .

```
var d = new Date("October 13, 2014 11:13:00");
```

## JavaScript Stores Dates as Milliseconds

JavaScript 1970 1 1 , 00:00:00 UTC (Universal Time Coordinated)

(Zero time) 1970 1 1 00:00:00 UTC .

1970 1 1 1618269610417 .

## new Date(milliseconds)

new Date(milliseconds)

:

```
var d = new Date(0); // Thu Jan 01 1970 09:00:00 GMT+0900 ( )
```

1970 1 1 + 100 000 000 000

1973 3 3

:

```
var d = new Date(10000000000); // Sat Mar 03 1973 18:46:40 GMT+0900 ( )
```

1970 1 1 100,000000000

1966 10 31

.

```
var d = new Date(-100000000000); // Mon Oct 31 1966 23:13:20 GMT+0900 ( )
```

```
var d = new Date(86400000); // Fri Jan 02 1970 09:00:00 GMT+0900 ( )
```

(24 )sms 86,400,000

## Date Methods

Date 가 ,

Date UTC ( GMT)  
date , , , , 가

## Displaying Dates

JavaScript ( )

```
Tue Apr 13 2021 10:12:34 GMT+0900 ( )
```

HTML date , toString()

### Example

```
d = new Date();
```

```
document.getElementById("demo").innerHTML = d;
```

Same as:

```
d = new Date();
document.getElementById("demo").innerHTML = d.toString();
```

toUTCString() UTC ( ) .

```
var d = new Date();
document.getElementById("demo").innerHTML = d.toUTCString(); // Tue, 13 Apr
2021 01:23:20 GMT
```

toDateString() .

```
var d = new Date();
document.getElementById("demo").innerHTML = d.toUTCString(); // Tue, 13
Apr 2021 01:23:20 GMT
```

toISOString() ISO .

```
var d = new Date();
document.getElementById("demo").innerHTML = d.toISOString(); //
2021-04-13T01:29:51.993Z
```

, [Javascript](#), [Date](#), [Objects](#)

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