

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"); // Mon Oct 13 2014 11:13:00
GMT+0900 ( ) 
```

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(1000000000000); // Sat Mar 03 1973 18:46:40 GMT+0900 ()
```

1970 1 1 100,000,000,000 1966 10 31 .

```
var d = new Date(-1000000000000); // 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 date UTC (GMT) 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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