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# MySQL DATE\_FORMAT() Function



## Definition and Usage

The DATE\_FORMAT() function is used to display date/time data in different formats.

## Syntax

```
DATE_FORMAT(date, format)
```

Where date is a valid date and format specifies the output format for the date/time.

The formats that can be used are:

Format	Description
%a	Abbreviated weekday name
%b	Abbreviated month name
%c	Month, numeric
%D	Day of month with English suffix
%d	Day of month, numeric (00-31)
%e	Day of month, numeric (0-31)
%f	Microseconds
%H	Hour (00-23)
%h	Hour (01-12)
%I	Hour (01-12)
%i	Minutes, numeric (00-59)
%j	Day of year (001-366)
%k	Hour (0-23)
%l	Hour (1-12)
%M	Month name
%m	Month, numeric (00-12)
%p	AM or PM
%r	Time, 12-hour (hh:mm:ss AM or PM)
%S	Seconds (00-59)
%s	Seconds (00-59)
%T	Time, 24-hour (hh:mm:ss)
%U	Week (00-53) where Sunday is the first day of week
%u	Week (00-53) where Monday is the first day of week
%V	Week (01-53) where Sunday is the first day of week, used with %X
%v	Week (01-53) where Monday is the first day of week, used with %x
%W	Weekday name
%w	Day of the week (0=Sunday, 6=Saturday)
%X	Year of the week where Sunday is the first day of week, four digits, used with %V
%x	Year of the week where Monday is the first day of week, four digits, used with %v
%Y	Year, four digits
%y	Year, two digits

## Example

The following script uses the DATE\_FORMAT() function to display different formats. We will use the NOW() function to get the current date/time:

```
DATE_FORMAT(NOW(), '%b %d %Y %h:%i %p')
DATE_FORMAT(NOW(), '%m-%d-%Y')
DATE_FORMAT(NOW(), '%d %b %y')
DATE_FORMAT(NOW(), '%d %b %Y %T:%f')
```

The result would look something like this:

```
Nov 04 2008 11:45 PM
11-04-2008
04 Nov 08
04 Nov 2008 11:45:34:243
```

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