

# Custom date and time format strings

Format specifier	Description	Examples
"d"	The day of the month, from 1 through 31. More information: <a href="#">The "d" Custom Format Specifier</a> .	2009-06-01T13:45:30 -> 12009-06-15T13:45:30 -> 15
"dd"	The day of the month, from 01 through 31. More information: <a href="#">The "dd" Custom Format Specifier</a> .	2009-06-01T13:45:30 -> 012009-06-15T13:45:30 -> 15
"ddd"	The abbreviated name of the day of the week. More information: <a href="#">The "ddd" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> Mon (en-US) 2009-06-15T13:45:30 -> Пн (ru-RU) 2009-06-15T13:45:30 -> lun. (fr-FR)
"dddd"	The full name of the day of the week. More information: <a href="#">The "dddd" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> Monday (en-US) 2009-06-15T13:45:30 -> понедельник (ru-RU) 2009-06-15T13:45:30 -> lundi (fr-FR)
"f"	The tenths of a second in a date and time value. More information: <a href="#">The "f" Custom Format Specifier</a> .	2009-06-15T13:45:30.6170000 -> 62009-06-15T13:45:30.05 -> 0
"ff"	The hundredths of a second in a date and time value. More information: <a href="#">The "ff" Custom Format Specifier</a> .	2009-06-15T13:45:30.6170000 -> 612009-06-15T13:45:30.0050000 -> 00
"fff"	The milliseconds in a date and time value. More information: <a href="#">The "fff" Custom Format Specifier</a> .	6/15/2009 13:45:30.617 -> 6176/15/2009 13:45:30.0005 -> 000
"ffff"	The ten thousandths of a second in a date and time value. More information: <a href="#">The "ffff" Custom Format Specifier</a> .	2009-06-15T13:45:30.6175000 -> 61752009-06-15T13:45:30.0000500 -> 0000
"fffff"	The hundred thousandths of a second in a date and time value. More information: <a href="#">The "fffff" Custom Format Specifier</a> .	2009-06-15T13:45:30.6175400 -> 617546/15/2009 13:45:30.000005 -> 00000
"ffffff"	The millionths of a second in a date and time value. More information: <a href="#">The "ffffff" Custom Format Specifier</a> .	2009-06-15T13:45:30.6175420 -> 6175422009-06-15T13:45:30.0000005 -> 000000
"fffffff"	The ten millionths of a second in a date and time value. More information: <a href="#">The "fffffff" Custom Format Specifier</a> .	2009-06-15T13:45:30.6175425 -> 61754252009-06-15T13:45:30.0001150 -> 0001150
"F"	If non-zero, the tenths of a second in a date and time value. More information: <a href="#">The "F" Custom Format Specifier</a> .	2009-06-15T13:45:30.6170000 -> 62009-06-15T13:45:30.0500000 -> (no output)
"FF"	If non-zero, the hundredths of a second in a date and time value. More information: <a href="#">The "FF" Custom Format Specifier</a> .	2009-06-15T13:45:30.6170000 -> 612009-06-15T13:45:30.0050000 -> (no output)
"FFF"	If non-zero, the milliseconds in a date and time value. More information: <a href="#">The "FFF" Custom Format Specifier</a> .	2009-06-15T13:45:30.6170000 -> 6172009-06-15T13:45:30.0005000 -> (no output)
"FFFF"	If non-zero, the ten thousandths of a second in a date and time value. More information: <a href="#">The "FFFF" Custom Format Specifier</a> .	2009-06-15T13:45:30.5275000 -> 52752009-06-15T13:45:30.0000500 -> (no output)
"FFFFF"	If non-zero, the hundred thousandths of a second in a date and time value. More information: <a href="#">The "FFFFF" Custom Format Specifier</a> .	2009-06-15T13:45:30.6175400 -> 617542009-06-15T13:45:30.0000050 -> (no output)
"FFFFFF"	If non-zero, the millionths of a second in a date and time value. More information: <a href="#">The "FFFFFF" Custom Format Specifier</a> .	2009-06-15T13:45:30.6175420 -> 6175422009-06-15T13:45:30.0000005 -> (no output)
"FFFFFFF"	If non-zero, the ten millionths of a second in a date and time value. More information: <a href="#">The "FFFFFFF" Custom Format Specifier</a> .	2009-06-15T13:45:30.6175425 -> 61754252009-06-15T13:45:30.0001150 -> 000115
"g", "gg"	The period or era. More information: <a href="#">The "g" or "gg" Custom Format Specifier</a> .	2009-06-15T13:45:30.6170000 -> A.D.
"h"	The hour, using a 12-hour clock from	2009-06-15T01:45:30 -> 12009-06-15T13:45:30 -> 1

	1 to 12. More information: <a href="#">The "h" Custom Format Specifier</a> .	
"hh"	The hour, using a 12-hour clock from 01 to 12. More information: <a href="#">The "hh" Custom Format Specifier</a> .	2009-06-15T01:45:30 -> 012009-06-15T13:45:30 -> 01
"H"	The hour, using a 24-hour clock from 0 to 23. More information: <a href="#">The "H" Custom Format Specifier</a> .	2009-06-15T01:45:30 -> 12009-06-15T13:45:30 -> 13
"HH"	The hour, using a 24-hour clock from 00 to 23. More information: <a href="#">The "HH" Custom Format Specifier</a> .	2009-06-15T01:45:30 -> 012009-06-15T13:45:30 -> 13
"K"	Time zone information. More information: <a href="#">The "K" Custom Format Specifier</a> .	🚩 With <a href="#">DateTime</a> values: 2009-06-15T13:45:30, Kind Unspecified -> 2009-06-15T13:45:30, Kind Utc -> Z2009-06-15T13:45:30, Kind Local -> -07:00 (depends on local computer settings) With <a href="#">DateTimeOffset</a> values: 2009-06-15T01:45:30-07:00 --> -07:00 2009-06-15T08:45:30+00:00 --> +00:00
"m"	The minute, from 0 through 59. More information: <a href="#">The "m" Custom Format Specifier</a> .	2009-06-15T01:09:30 -> 92009-06-15T13:29:30 -> 29
"mm"	The minute, from 00 through 59. More information: <a href="#">The "mm" Custom Format Specifier</a> .	2009-06-15T01:09:30 -> 092009-06-15T01:45:30 -> 45
"M"	The month, from 1 through 12. More information: <a href="#">The "M" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> 6
"MM"	The month, from 01 through 12. More information: <a href="#">The "MM" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> 06
"MMM"	The abbreviated name of the month. More information: <a href="#">The "MMM" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> Jun (en-US) 2009-06-15T13:45:30 -> juin (fr-FR) 2009-06-15T13:45:30 -> Jun (zu-ZA)
"MMMM"	The full name of the month. More information: <a href="#">The "MMMM" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> June (en-US) 2009-06-15T13:45:30 -> juni (da-DK) 2009-06-15T13:45:30 -> uJuni (zu-ZA)
"s"	The second, from 0 through 59. More information: <a href="#">The "s" Custom Format Specifier</a> .	2009-06-15T13:45:09 -> 9
"ss"	The second, from 00 through 59. More information: <a href="#">The "ss" Custom Format Specifier</a> .	2009-06-15T13:45:09 -> 09
"t"	The first character of the AM/PM designator. More information: <a href="#">The "t" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> P (en-US) 2009-06-15T13:45:30 -> 午 (ja-JP) 2009-06-15T13:45:30 -> (fr-FR)
"tt"	The AM/PM designator. More information: <a href="#">The "tt" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> PM (en-US) 2009-06-15T13:45:30 -> 午後 (ja-JP) 2009-06-15T13:45:30 -> (fr-FR)
"y"	The year, from 0 to 99. More information: <a href="#">The "y" Custom Format Specifier</a> .	0001-01-01T00:00:00 -> 10900-01-01T00:00:00 -> 01900-01-01T00:00:00 -> 02009-06-15T13:45:30 -> 92019-06-15T13:45:30 -> 19
"yy"	The year, from 00 to 99. More information: <a href="#">The "yy" Custom Format Specifier</a> .	0001-01-01T00:00:00 -> 010900-01-01T00:00:00 -> 001900-01-01T00:00:00 -> 002019-06-15T13:45:30 -> 19
"yyy"	The year, with a minimum of three digits. More information: <a href="#">The "yyy" Custom Format Specifier</a> .	0001-01-01T00:00:00 -> 0010900-01-01T00:00:00 -> 9001900-01-01T00:00:00 -> 19002009-06-15T13:45:30 -> 2009
"yyyy"	The year as a four-digit number. More information: <a href="#">The "yyyy" Custom Format Specifier</a> .	0001-01-01T00:00:00 -> 00010900-01-01T00:00:00 -> 09001900-01-01T00:00:00 -> 19002009-06-15T13:45:30 -> 2009
"yyyyy"	The year as a five-digit number. More information: <a href="#">The "yyyyy" Custom Format Specifier</a> .	0001-01-01T00:00:00 -> 000012009-06-15T13:45:30 -> 02009
"z"	Hours offset from UTC, with no leading zeros. More information: <a href="#">The "z" Custom Format Specifier</a> .	2009-06-15T13:45:30-07:00 -> -7
"zz"	Hours offset from UTC, with a leading zero for a single-digit value. More information: <a href="#">The "zz" Custom Format Specifier</a> .	2009-06-15T13:45:30-07:00 -> -07
"zzz"	Hours and minutes offset from UTC. More information: <a href="#">The "zzz" Custom Format Specifier</a> .	2009-06-15T13:45:30-07:00 -> -07:00
":."	The time separator. More information: <a href="#">The ":" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> : (en-US) 2009-06-15T13:45:30 -> . (it-IT) 2009-06-15T13:45:30 -> : (ja-JP)
"/"	The date separator. More information: <a href="#">The "/" Custom Format Specifier</a> .	2009-06-15T13:45:30 -> / (en-US) 2009-06-15T13:45:30 -> - (ar-DZ) 2009-06-15T13:45:30 -> . (tr-TR)

<b>"string" 'string'</b>	Literal string delimiter. More information: <a href="#">Character literals</a> .	2009-06-15T13:45:30 ("arr:" h:m t) -> arr: 1:45 P 2009-06-15T13:45:30 ('arr:' h:m t) -> arr: 1:45 P
<b>%</b>	Defines the following character as a custom format specifier. More information: <a href="#">Using Single Custom Format Specifiers</a> .	2009-06-15T13:45:30 (%h) -> 1
<b>\</b>	The escape character. More information: <a href="#">Character literals</a> and <a href="#">Using the Escape Character</a> .	2009-06-15T13:45:30 (h \h) -> 1 h
<b>Any other character</b>	The character is copied to the result string unchanged. More information: <a href="#">Character literals</a> .	2009-06-15T01:45:30 (arr hh:mm t) -> arr 01:45 A