

C# date & time Conversion Cheat Sheet

ddd	Sun	HH	00 to 23 (Hour)	d	31/12/2021 (Short Date)
dddd	Sunday	hh	01 to 12 (Hour)	t	21:08 (Short Time)
MM	01 to 12 (Month)	tt	am / pm	yy	00 to 99 (Year)
MMM	Jan	m	0 to 59 (Minute)	yyyy	2021 (Year)
MMMM	January	mm	00 to 59 (Minute)	zz	+09 (Offset)
F	12 Dec 21:08:59 2021	s	0 to 59 (Second)	zzz	+0900 (Offset)
dd	01 to 31 (Day)	ss	00 to 59 (Second)		

Input Type	Input Example	Output Type	Output Example	Code
String	"31-12-2021"	DateTime	"31/12/2021 00:00:00"	<code>DateTime.Parse("31-12-2021")</code>
String	"31122021"	DateTime	"31/12/2021 00:00:00"	<code>DateTime.ParseExact("31122021" "ddMMyyyy", CultureInfo.InvariantCulture)</code>
DateTime	"31/12/2021 00:00:00"	String	"2021-12-31"	<code>yourDatetimeObject.ToString("yyyy-MM-dd")</code>
String	"31122021"	String	"2021-12-31"	<code>DateTime.ParseExact("31122021", "ddMMyyyy", CultureInfo.InvariantCulture).ToString("yyyy-mm-dd")</code>
DateTime	"31/12/2021 00:00:00"	Long (Unix Timestamp in seconds)	1640908800	<code>new DateTimeOffset(yourDateTimeObject).ToUnixTimeSeconds();</code>
Long (Unix Timestamp in seconds)	1640908800	DateTime	"31/12/2021 00:00:00"	<code>DateTimeOffset.FromUnixTimeSeconds(1617836400).DateTime;</code>
String	New York timezone "31-12-2021 08:33:00 -0400"	DateTimeOffset	Tokyo timezone "31/12/2021 21:33:00 +09:00"	<code>TimeSpan tokyoOffset = TimeZoneInfo.FindSystemTimeZoneById("Tokyo Standard Time").GetUtcOffset(DateTimeOffset.Now); DateTimeOffset.ParseExact("31-12-2021 08:33:59 -4:00" "dd-MM-yyyy HH:mm:ss zzz", null).ToOffset(tokyoOffset);</code>
String	"20:00"	String	"08:00 pm"	<code>DateTime.ParseExact("20:00", "HH:mm", CultureInfo.InvariantCulture).ToString("hh:mm tt");</code>
String	"08:00 PM"	String	"20:00"	<code>DateTime.ParseExact("08:00 pm" "hh:mm tt", CultureInfo.InvariantCulture).ToString("HH:mm");</code>