

Date Functions

CONVDATE(date)

Converts a number in the format YYMMDD to a date serial number. For example, the number 910207 would be converted to the correct date serial number.

CONVDATE(930210) = 8441 : This is the date-number of 10-Feb-93

CONVDATE(100410) = 14709 : This returns the date number of 10-Apr-2010.

DATE(yr,mon,day)

Returns a date serial number for the year, month and day. A date serial number is the number of days since January 1, 1970.

DATE(92,8,24) = 8271 : This is the date number for 24-Aug-92.

DATE(79,10,31) = 3590 : This is the date-number for 31-Oct-79.

DATEVALUE(date-str)

Converts a date string to a date serial number.

DATEVALUE("02/04/92") = 8069

A3 = 'Jul-94, DATEVALUE(A3) = 8947 : This is the date number for 1-Jul-94

DAY(date)

Returns the day of the month for a date serial number.

A3 = 18-Jul-92, DAY(A3) = 18

DAY(NOW)

Returns the current day of the month.

HOUR(date)

Returns the hour for a date serial number.

HOUR(TIMEVALUE("23:00:00")) = 23

HOUR(NOW) : This formula will return the current hour of day.

MINUTE(date)

Returns the minute for a date serial number.

MINUTE(TIMEVALUE("11:35:20")) = 35

MINUTE(NOW) : This formula will return the current number of minutes past the hour.

MONTH(date)

Returns the month for a date serial number.

CHOOSE(MONTH(NOW)-1,"Jan","Feb","Mar","Apr","May","Jun","Jul","Aug","Sep","Oct","Nov","Dec") : This formula will display the current month.

MONTH(DATEVALUE("12/24/92")) = 12

NEXTMONTH(date)

Returns a date serial number one calendar month after date. If the day of the month is greater than 28, then it is set to 28.

A3 = 27-Jul-92, NEXTMONTH(A3) = 8274 : This is the date-number for 27-Aug-92.

NEXTMONTH(11381) = 11409 : This is the date-number for 28-Mar-2001.

NEXTYEAR(date)

Returns the next year of the date. If the date is 2/29 of a leap year, the date returned is 2/28 of the following year.

NEXTYEAR(NOW) : This formula returns a date-number one year from the current date.

NEXTYEAR(DATE(93,6,20)) = 8936 : This is the date-number for 20-Jun-94.

SECOND(date)

Returns the seconds of a date serial number.

SECOND(TIMEVALUE("10:31:19")) = 31

SECOND(0.26903) = 24 : This formula returns the seconds for the date-value for 06:27:24 AM.

TIME(hr,min,sec)

Returns a date serial number for a given time.

TIME(11,30,00) = 0.479167 : This is the date-number for 11:30 AM.

NOW+TIME(8,0,0) : This formula returns a date-number for the time 8 hours from now.

TIMEVALUE(time-str)

Converts a string to a date serial number.

A1 = '10, A2 = '58, A3 = '29, TIMEVALUE(A1&"&A2&"&A3) = 0.45728 : This formula takes the label contents of cells A1, A2 & A3 and concatenates them into the label "10:58:29", then converts that label to a time value.

A3 = 12:34 am, TIMEVALUE(A3) = 0.023611 : This is the date-number for 12:34 am.

YEAR(date)

Returns the year for a date serial number.

YEAR(NOW-1000) = 89 : This returns the year of the date 1,000 days prior to the current date.

A7: "6/20/82", YEAR(DATEVALUE(A7)) = 82 : This formula extract the year from the date-label "6/20/82".