

Excel DAY Function: Extracting Day Numbers from Dates

The DAY function in Excel returns the day of the month as a number between 1 and 31 from a given date. It's useful for extracting day values and working with dates.



by **Excel Training London**



Purpose and Syntax

Purpose

Get the day as a number (1-31) from a date

Syntax

=DAY(date)

Return Value

A number (1-31) representing the day component in a date



How to Use the DAY Function

Basic Usage

With January 15, 2019 in cell A1: =DAY(A1) returns 15

Advanced Usage

Use with other functions like DATE:

```
=DATE(2020,MONTH(A1),DAY(A1))
```

Important Notes



Valid Dates

The date argument must be a valid Excel date.



Error Handling

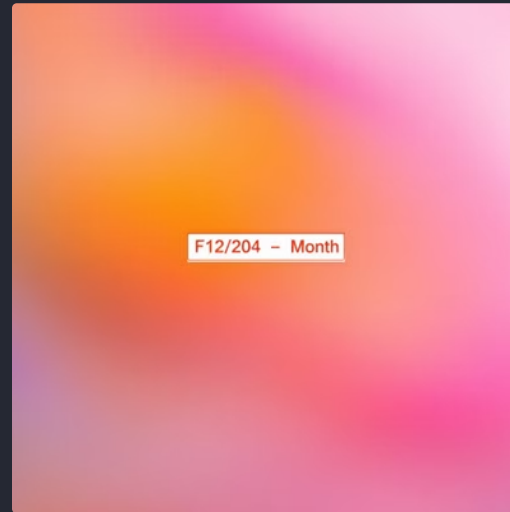
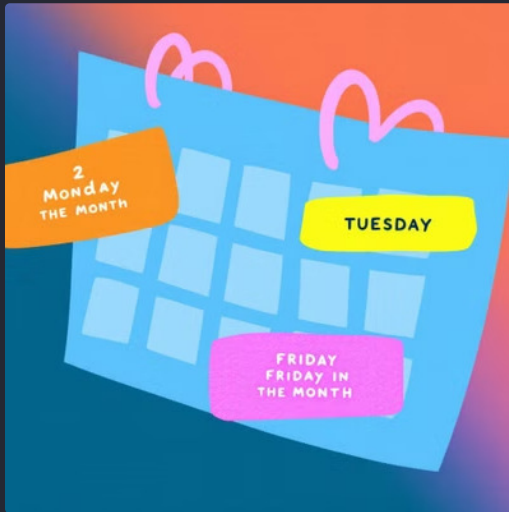
Returns #VALUE! if the date is not valid.



Date System

Excel's date system uses serial numbers starting from January 1, 1900.

Practical Examples



19003	1923	1944	2023	2023
19606	1905	1940	2023	2023
19006	1906	1944	2023	2023
19006	2023	1944	2025	2023
19006	2023	1940	2025	2023
19003	2023	1946	2026	2023
20127	2023	2023	2023	2023



More DAY Function Applications

Birthday Messages

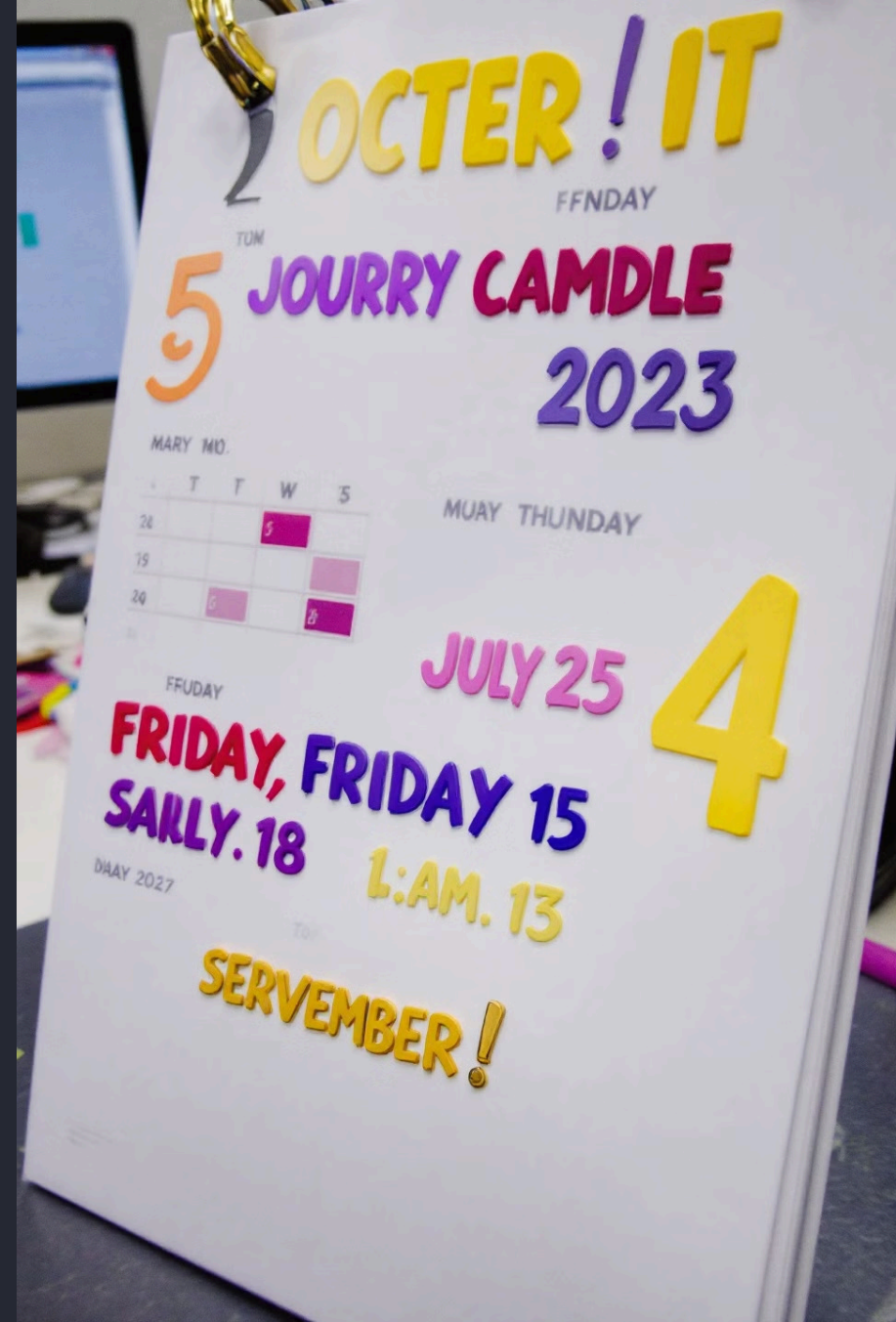
Display a Happy Birthday message when a birthday matches the current date.

Days in Month

Use DAY with EOMONTH to find the number of days in a given month.

Pay Schedules

Create semimonthly pay schedules using the DAY function.





Related Date Functions

1

YEAR Function

Returns the year component of a date as a 4-digit number.

2

MONTH Function

Extracts the month from a given date as a number between 1 and 12.

3

DATE Function

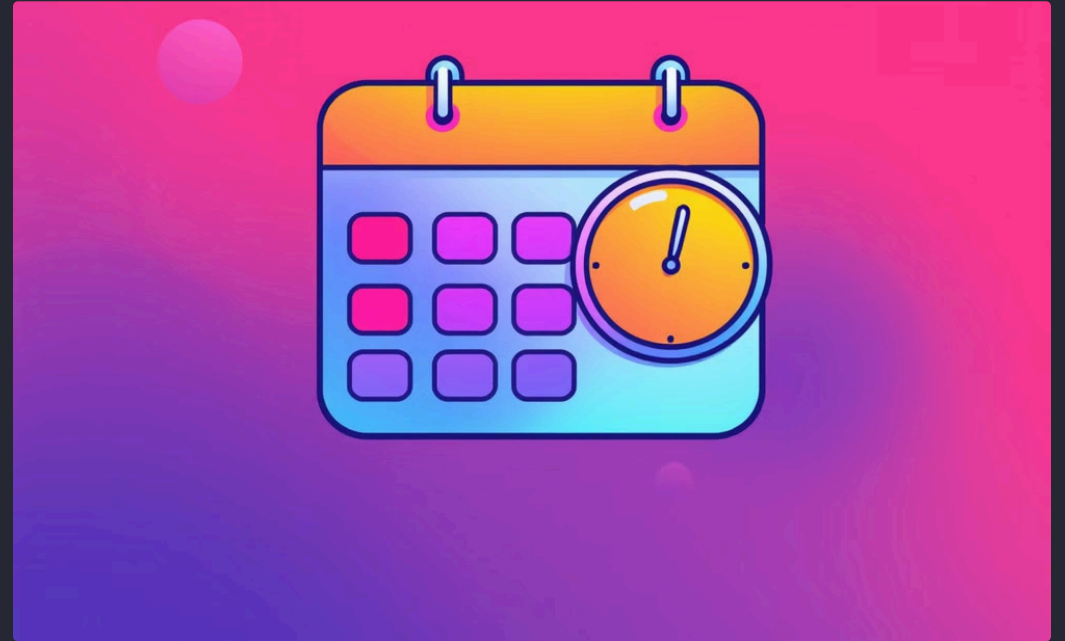
Creates a valid date from individual year, month, and day components.

Video Resources



Working with Dates

Learn how to extract day, month, and year from valid dates in Excel.



Date and Time Series

Create date and time series using formulas in Excel.

Excel Training Resources

