

How can I calculate the day of the year in Google Sheets?

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RECOMMENDED CITATION

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PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=153475>

Calculating the day of the year in Google Sheets is a simple process that can be done using the DATE function. First, create a cell for the desired date and use the DATE function to input the year, month, and day in the correct order. Then, subtract the DATE function from January 1st of the same year. This will give you the day of the year for the date entered. This method can be used to quickly and accurately calculate the day of the year for any date in Google Sheets.

Calculate Day of the Year in Google Sheets

You can use the following formulas to calculate the day of the year in Google Sheets:

Formula 1: Calculate Day of the Year for Today

=TODAY()-DATE(YEAR(TODAY()),1,0)

This formula will return the day of the year for the current day.

Formula 2: Calculate Day of the Year for Date in Cell

=A2-DATE(YEAR(A2),1,1)+1

This formula will return the day of the year for the date in cell A2.

Formula 3: Calculate Date for Day of the Year

=DATE(2022,1,0)+A2

This formula will return the date that corresponds to the day of the year in cell A2.

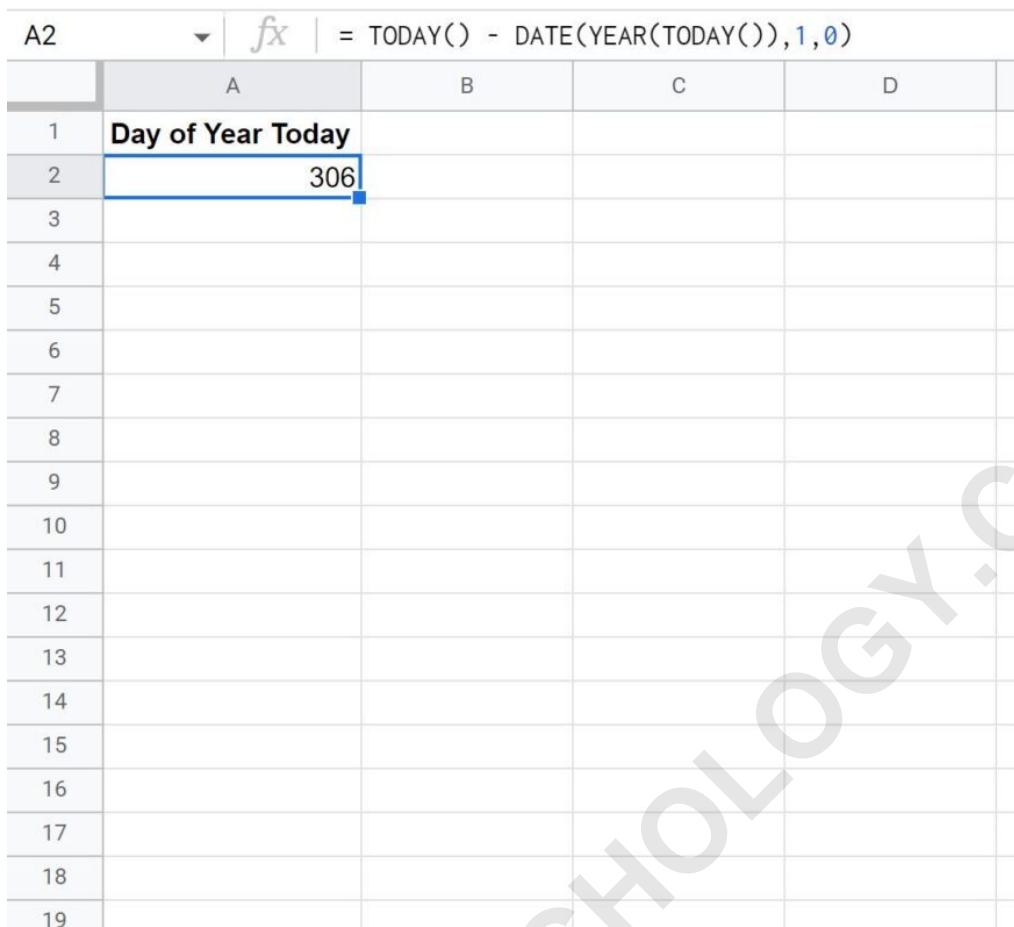
The following examples show how to use each formula in practice.

Example 1: Calculate Day of the Year for Today

This article was written on 11/2/2022. To find the day of the year for today, we can type the following formula into Google Sheets:

=TODAY()-DATE(YEAR(TODAY()),1,0)

The following screenshot shows how to use this formula in practice:



A2 fx = TODAY() - DATE(YEAR(TODAY()),1,0)

	A	B	C	D
1	Day of Year Today			
2	306			
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				

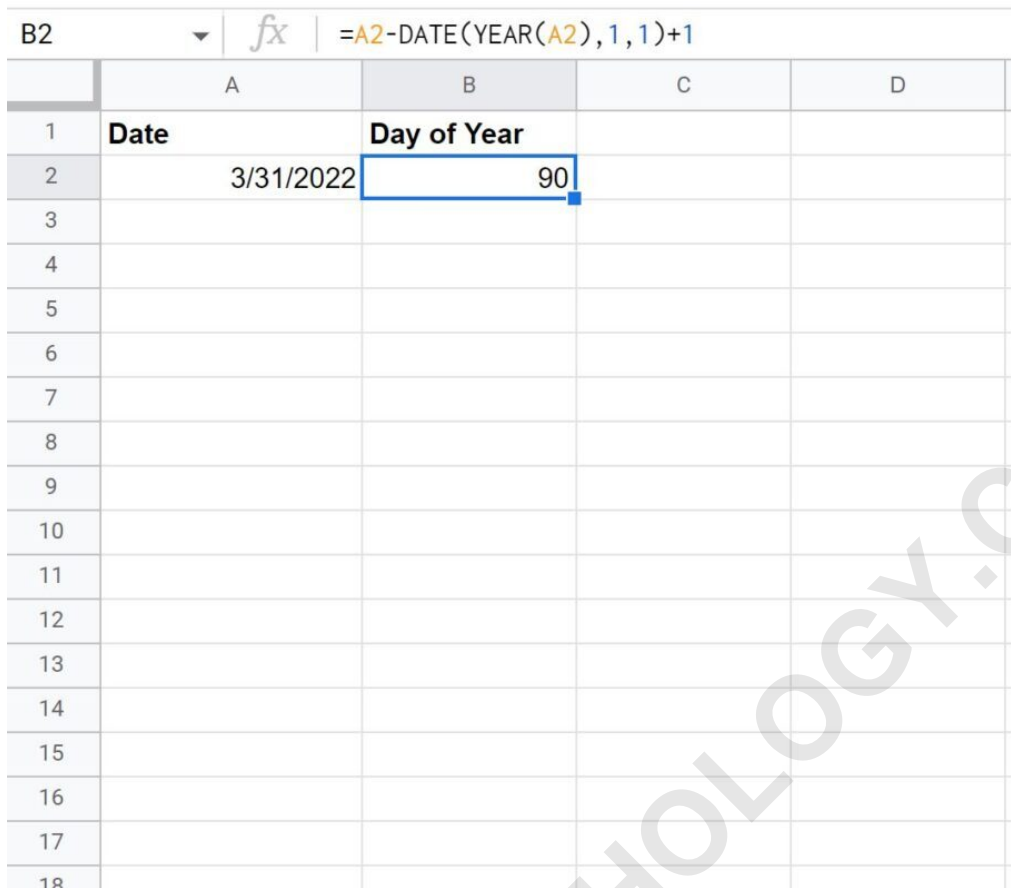
We can see that 11/2/2022 is the 306th day of the year.

Example 2: Calculate Day of the Year for Date in Cell

To find the day of the year for a date in cell A2, we can type the following formula into Google Sheets:

=A2-DATE(YEAR(A2),1,1)+1

The following screenshot shows how to use this formula in practice:



The screenshot shows a Google Sheet with the following data:

	A	B	C	D
1	Date	Day of Year		
2	3/31/2022	90		
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

We can see that 3/31/2022 is the 90th day of the year.

Example 3: Calculate Date for Day of the Year

To find the date that corresponds to the nth day of the year in cell A2, we can type the following formula into Google Sheets:

=DATE(2022,1,0)+A2

The following screenshot shows how to use this formula in practice:

B2 fx =DATE(2022,1,0)+A2

	A	B	C	D
1	Date	Day of Year		
2	90	3/31/2022		
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

We can see that the 90th day of the year in 2022 is 3/31/2022.

The following tutorials explain how to perform other common tasks in Google Sheets: