How do I convert days to months in Excel?

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To convert days to months in Excel, you can use the formula =DAYS/30. This will divide the number of days by 30, giving you the equivalent number of months. Alternatively, you can also use the MONTH function, which will return the month number of a given date. Simply enter the date in the desired cell and use the formula =MONTH(date cell). This will give you the month number, which you can then format to display as a month name. These methods can be used to effectively convert days to months in Excel.

Convert Days to Months in Excel

You can use the following formula in Excel to convert days to months:

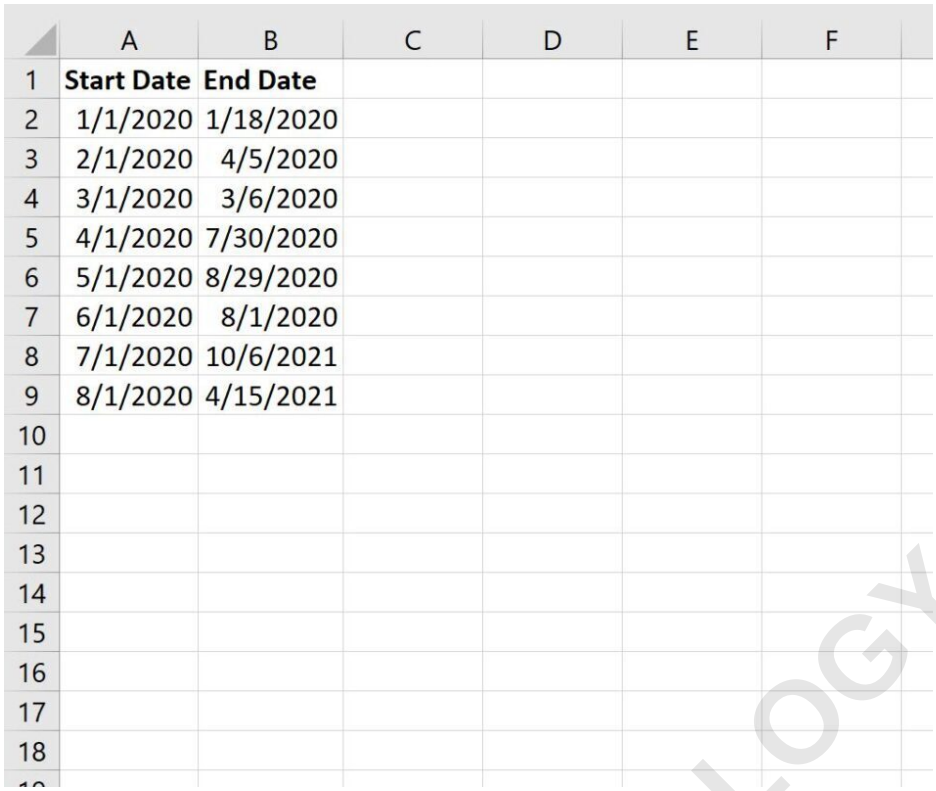
=(B1-A1)/(365/12)

This formula calculates the number of months between cell B1 (the end date) and cell A1 (the start date).

The following example shows how to use this formula in practice.

Example: Convert Days to Months in Excel

Suppose we have the following list of start and end dates in Excel:

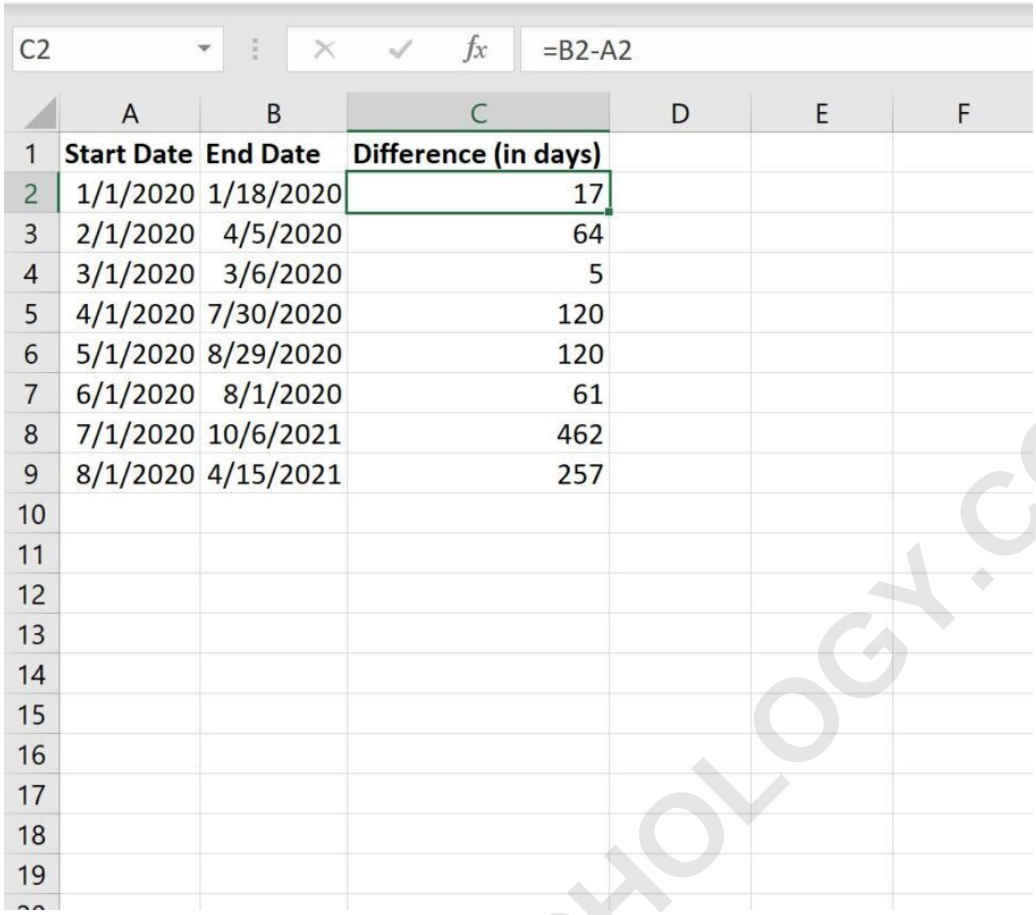


	A	B	C	D	E	F
1	**Start Date**	**End Date**				
2	1/1/2020	1/18/2020				
3	2/1/2020	4/5/2020				
4	3/1/2020	3/6/2020				
5	4/1/2020	7/30/2020				
6	5/1/2020	8/29/2020				
7	6/1/2020	8/1/2020				
8	7/1/2020	10/6/2021				
9	8/1/2020	4/15/2021				
10						
11						
12						
13						
14						
15						
16						
17						
18						

We could use the following formula to calculate the number of days between each start and end date:

B2-A2

We can type this formula into cell C2 and then copy and paste it down to every remaining cell in column C:



C2 =B2-A2

	A	B	C	D	E	F
1	Start Date	End Date	Difference (in days)			
2	1/1/2020	1/18/2020	17			
3	2/1/2020	4/5/2020	64			
4	3/1/2020	3/6/2020	5			
5	4/1/2020	7/30/2020	120			
6	5/1/2020	8/29/2020	120			
7	6/1/2020	8/1/2020	61			
8	7/1/2020	10/6/2021	462			
9	8/1/2020	4/15/2021	257			
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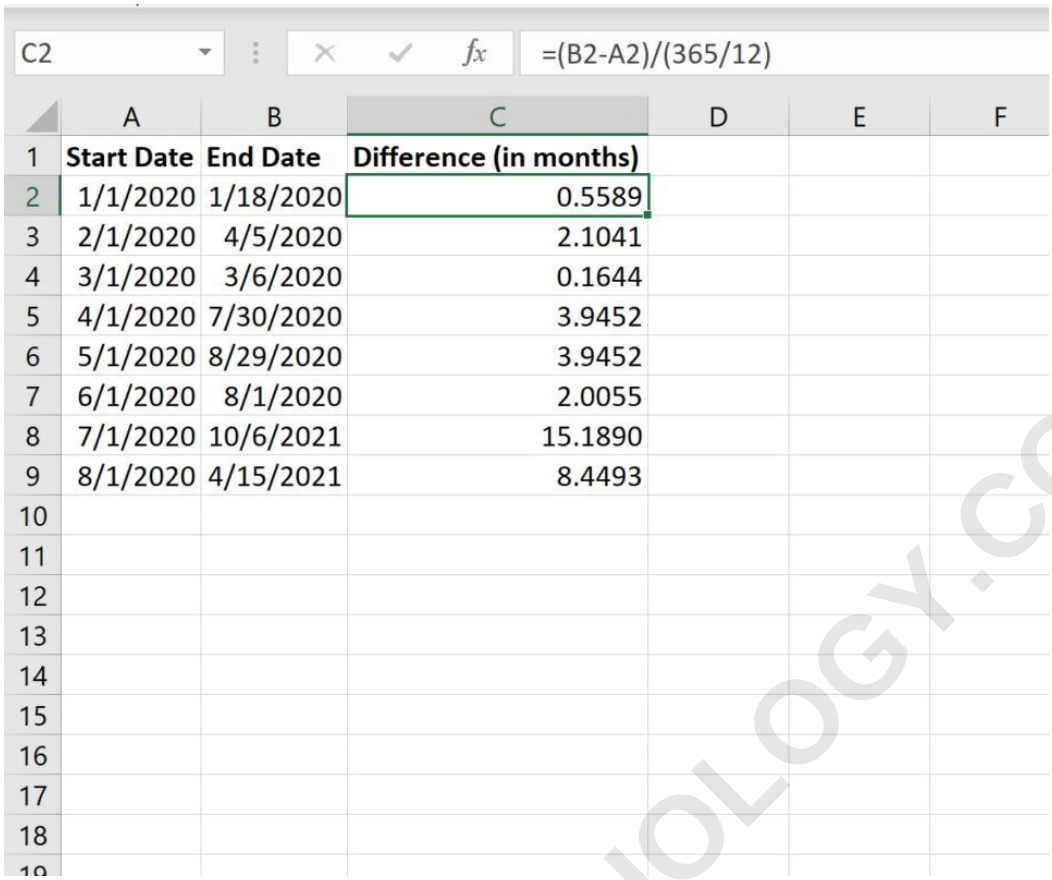
19						

Column C shows the difference (in days) between each start and end date.

However, we could instead use the following formula to calculate the difference between each start and end date in terms of months:

=(B2-A2)/(365/12)

We can type this formula into cell C2 and then copy and paste it down to every remaining cell in column C:



	A	B	C	D	E	F
1	Start Date	End Date	Difference (in months)			
2	1/1/2020	1/18/2020	0.5589			
3	2/1/2020	4/5/2020	2.1041			
4	3/1/2020	3/6/2020	0.1644			
5	4/1/2020	7/30/2020	3.9452			
6	5/1/2020	8/29/2020	3.9452			
7	6/1/2020	8/1/2020	2.0055			
8	7/1/2020	10/6/2021	15.1890			
9	8/1/2020	4/15/2021	8.4493			
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17						
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Column C shows the number of months (including decimal places) between each start and end date.

There are 0.5589 months between 1/1/2020 and 1/18/2020.There are 2.1041 months between 2/1/2020 and 4/5/2020.There are 0.1644 months between 3/1/2020 and 3/6/2020.

And so on.

Note that you could instead use this formula to calculate the number of months between two dates if

you'd like to assume that 30 days represents an average month:

=(B2-A2)/30

However, this is not as accurate as using (365/12) as the denominator in the formula.

Additional Resources

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