

# How to convert hours to minutes in Excel

In this article, Software Tips will show you how to convert hours to minutes in Excel. Using math We have 1 hour = 60 minutes = 3600 seconds, we apply this formula to calculations in Excel. For example, you have the following timeline:

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## Use math

We have 1 hour = 60 minutes = 3600 seconds, we apply this formula to calculations in Excel.

For example, you have the following timeline:

	A	B	C	D
1	Thời gian	Đổi ra giờ	Đổi ra phút	Đổi ra giây
2	16:39:00			
3	2:34:44	ThuThuatPhanMem.vn		
4	12:48:00			
5				

In column B with the time you use the formula  $B2 = A2 * 24$ , copy the remaining cells in column B, you will get the result of the hours as a decimal.

	A	ThuThuatPhanMem.vn			D
1	Thời gian	Đổi ra giờ	Đổi ra phút	Đổi ra giây	
2	16:39:00	16.65			
3	2:34:44	2.58			
4	12:48:00	12.80			
5					

If you only want to get hours, you combine with the INT function to get the integer value:

	A	ThuThuatPhanMem.vn			D
1	Thời gian	Đổi ra giờ	Đổi ra phút	Đổi ra giây	
2	16:39:00	16.00			
3	2:34:44	2.00			
4	12:48:00	12.00			
5					

Similarly, you change minutes and seconds by the formula:

$$C2 = A2 * 24 * 60$$

$$D2 = A3 * 24 * 60 * 60$$

	A	ThuThuatPhanMem.vn			D
1	Thời gian	Đổi ra giờ	Đổi ra phút	Đổi ra giây	
2	16:39:00	16.00	999.000	59940	
3	2:34:44	2.00	154.733	9284	
4	12:48:00	12.00	768.000	46080	

## Use the CONVERT function

Function syntax: = CONVERT (number, from\_unit, to\_unit)

Inside:

1. **CONVERT** : is the name of the function used to convert
2. **Number** : the original number to be converted.
3. **from\_unit**: unit of original number.
4. **to\_unit**: units to convert.

The value of the unit:

1. **"day"** = if the unit is day.
2. **"hr"** = units are hours.
3. **"mn"** = units are minutes.
4. **"sec"** = units are seconds.

For the above example, the default **from\_unit** value is **"day"** , and if you want to change to hours / minutes / seconds then change **to\_unit** to "hr" / "mn" / "sec" respectively. And you collect the same way as above.

	A	B	C	D	E	F	G
1		Sử dụng phép tính			Sử dụng hàm CONVERT		
2	Thời gian	Đổi ra giờ	Đổi ra phút	Đổi ra giây	Đổi ra giờ	Đổi ra phút	Đổi ra giây
3	16:39:00	16.65	999.000	59940	16.65	999.00	59,940
4	2:34:44	2.58	154.733	9284	2.58	154.73	9,284
5	12:48:00	12.80	768.000	46080	12.80	768.00	46,080

## Use the functions HOUR, MINUTE and SECOND

Another way to change hours to minutes, seconds; You can use the functions HOUR, MINUTE, SECOND to calculate the number of hours and minutes and use the sum calculation.

Function syntax:

- = HOUR (serial\_number)
- = MINUTE (serial\_number)
- = SECOND (serial\_number)

Where: serial\_number is the number to be converted.

For the above example, you type the formula in turn as follows:

- B2 = HOUR (A2)
- C2 = MINUTE (A2)
- D2 = SECOND (A2)

You copy the formula to the remaining lines in the cell to get the result:

		ThuThuatPhanMem.vn			
		Sử dụng hàm Hour, Minute, Second			Tổng cộng
Thời gian		Số giờ	Số phút	Số giây	phút
3	16:39:00	16.00	39.00	-	
4	2:34:44	2.00	34.00	44	
5	12:48:00	12.00	48.00	-	

To calculate the total number of minutes in column E, the formula will equal the number of hours \* 24 + minutes + seconds / 60.

In cell E2 = B2 \* 60 + C2 + D2 / 60. Copy the formula for the remaining rows in the column. You get the following result:

		ThuThuatPhanMem.vn			
		Sử dụng hàm Hour, Minute, Second			Tổng cộng
Thời gian		Số giờ	Số phút	Số giây	phút
3	16:39:00	16.00	39.00	-	999.00
4	2:34:44	2.00	34.00	44	154.73
5	12:48:00	12.00	48.00	-	768.00

Good luck!

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