

HOW TO CONVERT 500 KM TO MILES AND WHAT EXACTLY ARE KM AND MILES?

If you want to know how you can convert [500 km to miles](#), what is the conversion factor that is used to convert it and what exactly are km and miles, then as you scroll down this article, you will find out all the related information. So keep reading to find out all the details about it.

Now, if you have to convert and find the value for **500 km to miles**, then there is a conversion factor which is used to convert the values and so it is to be applied in the formula.

Below mentioned are few of the simple steps that you can follow to know about the process of conversion.

1. So to convert any given quantity in kilometres, it is supposed to be multiplied by 0.621371192 which is known as the conversion factor.
2. Now, here to convert 500 km in miles, we just need to multiply 500 by the conversion factor which is mentioned above.
3. And so the formula becomes -
 $\text{Miles} = 500 \times 0.621371192$ which will give you 310.685596118.

And thus, the final value that we get on converting **500 km to miles** is 310.7 miles (approximately).

What is a Kilometre?

A kilometre is a unit of length in the International System of Units (SI) which is equal to one thousand metres. It is a measuring unit which is mainly used to express distances between two places on land in most of the world. Its SI Symbol is 'Km'.

Equivalence of kilometre to other units of length are:

1. 1 kilometre = 1000 metres
2. 1 kilometre = 3281 feet
3. 1 kilometre = 1094 yards
4. 1 kilometre = 0.621 miles
5. 1 kilometre = 1.06×10^{-13} light-years
6. 1 kilometre = 0.540 nautical miles

There are mainly two pronunciations of kilometres. The first pronunciation follows a pattern in English whereby the metric units are pronounced with more stress on the first syllable (as in kilogram, kilojoule and kilohertz) and the pronunciation of the actually unit does not get changed irrespective of the prefix in it. This is generally preferred in the Broadcasting Corporation, the Canadian Broadcasting Corporation and the Australian Broadcasting Corporation.

The second pronunciation follows the stress pattern which is used for the names of measuring instruments like micrometre, barometer, thermometer and speedometer.

What is a Mile?

A mile is also a linear measure which is an Imperial unit of distance based on the Older English unit of length. A mile is usually equal to 5280 English feet or 1760 yards. Its symbol is 'm'.

The statute mile was actually standardised between the United States and British Commonwealth by an agreement in the year 1959, when it was getting formally redefined with respect to the SI units like exactly 1.609.344 metres.

Mile is also used to translate or describe a huge range of units which are derived from or roughly equivalent to the Roman mile such as the nautical mile, which is now 1.852 km exactly and the Italian mile, exactly 1.852 km and the Chinese mile, exactly 500 m.

While most countries have replaced the mile with the kilometre when switched to the International System of Units, some countries still continue to use it like the UK, Liberia etc.

Conclusion

So after finding out how to convert any given value in kilometres to miles, what is the conversion factor for it and what exactly are km and miles, we can conclude with the fact that the final value we get on converting **500 km to miles** is 310.7 miles. It is definitely very easy to do the conversion as all you need to remember is the conversion factor for it.

And so it's time for you now to try your hands on various problems in which you have to convert values from kilometres to miles so that you can master these types of problems.