

2 kilometers to miles. Convert 2 kilometers to miles.

The kilometer, which is internationally spelled as kilometre, as prescribed by the organisation, International Bureau of Weights and Measures, has 'km' as its SI symbol and is the preferred unit of distance. Kilometer had been created as the unit of length for use in the prevalent metric system. It is equal to exactly one thousand metres, as is evident from the letter 'kilo' which is the SI prefix for 1000. It is internationally recognized as the unit of measurement used officially for the purpose of expressing distances between different geographical location, in most countries around the world. The primary exceptions to its use include the United States and also the road network in the UK, where 'mile' is the officially used unit.

History

As the history of the kilometer goes, by the 8th of May, 1790 decree, the French Constituent assembly passed an order for the renowned 'French Academy of Sciences', asking it to develop a brand new system of measurement. Later, in the month of August of the year 1793, the respected, French National Convention passed a decree making the unit 'metre' as the only length measurement system to be used within the French Republic. The kilometer was first named "Millaire". Even though, the unit 'metre' was actually formally defined only in 1799, the "myriametre" or 10,000 metres was the preferred term rather than "kilometre" for regular, everyday use. This term, "myriamètre" is observed to have appeared several times in the texts of Devey's book, titled Physique d'Emile which was published in the year 1802. In this book, the term 'kilometre' only appears in the appendix. Also, French maps which were published in the year 1835 are seen to have scales that show myriametres and postal leagues or "lieues de Poste" equal to about 4,288 metres.

In a similar cultural convention, the Dutch people adopted the use of 'kilometre' in the year 1817 but named it the 'mijl'. It was much later, in the year 1867 that "kilometer" became the sole official unit used for measurement in the Netherlands and it represented 1000 metres. Also, two different German textbooks from the year 1842 and 1848 give a clear picture about the use of 'kilometre' across the European nations. While one shows that the kilometre was used throughout the Netherlands and also in Italy, the other shows that the myriametre was used in France.

In the year 1935, the widely respected, 'International Committee for Weights and Measures', abolished use of the prefix "myria" and along with it, the use of "myriametre". This left the term kilometre as the only recognised standard unit of length for all measurements near its magnitude.

Current Usage

The current usage varies in the United Kingdom, with road signs showing distances in miles, while at the same time, location-marker posts which are used for the purpose of reference by road construction engineers and also most emergency services personnel show the distance references in an unspecified unit which are kilometer based. Thus its usage varies in different fields and departments.

In the US, however, the stated National Highway System Designation Act, 1995 bans the federal highway funds from being used for the purpose of converting existing signs to metric units or purchasing new signs which have metric units on display. The Executive Director of the government's US Federal Highway Administration, Mr Jeffrey Paniati, had once written in a memo in 2008 that the Section 205 (c) (2) of National Highway System Designation Act passed in 1995 disallows the US from needing any State Department of Transport to officially use the metric system for any project development activity. Thus the unit is widely used today for measurement of distance.

Conversions

Conversion from kilometers to miles is simple if one remembers the constant that is to be used in the calculation. One can easily master the formula to be used for converting measurements from kilometers to miles. One kilometer is exactly equal to 0.621371 miles and you can simply keep in mind the number 0.62, which is widely used for this purpose. In reverse, one mile is exactly equal to 1.609344 kilometers. Therefore, in order to convert values from kilometers to miles, one can simply multiply the values in kilometers by 0.62137.

Here is a sample calculation, to help you better understand the conversion process. Suppose one starts with five kilometers. Some people may be interested in the conversion of this value as they may want to know the number miles in a '5K' run. The formula to be used here is 5×0.62 , which gives 3.1 miles. The opposite conversion can be carried out similarly. In this manner, one can convert kilometers to miles and vice versa.

2 Kilometers to Miles Conversion - Convert 2 Kilometers to Miles (km to mi)

Kilometers : The kilometer (SI symbol: km) is a unit of length in the metric system, equal to 1000m (also written as $1E+3m$). It is commonly used officially for expressing distances between geographical places on land in most of the world.

Miles : A mile is a most popular measurement unit of length, equal to most commonly 5,280 feet (1,760 yards, or about 1,609 meters). The mile of 5,280 feet is called land mile or the statute mile to distinguish it from the nautical mile (1,852 meters, about 6,076.1 feet). Use of the mile as a unit of measurement is now largely confined to the United Kingdom, the United States, and Canada.

Distance and Length Conversion Calculator

Result :

2 Kilometer = 1.24274 Mil

- Inch to Centimeter
- Inch to Foot
- Inch to Kilometer
- Inch to Meter
- Inch to Mile (US)
- Inch to Millimeter
- Inch to Nautical Mile
- Inch to Yard
- Kilometer to Centimeter
- Kilometer to Foot
- Kilometer to Inch
- Kilometer to Meter
- Kilometer to Mile (US)
- Kilometer to Millimeter
- Kilometer to Nautical Mile
- Kilometer to Yard
- Meter to Centimeter
- Meter to Foot
- Meter to Inch
- Meter to Kilometer
- Meter to Mile (US)
- Meter to Millimeter
- Meter to Nautical Mile
- Meter to Yard
- Mile (US) to Centimeter
- Mile (US) to Foot
- Mile (US) to Inch
- Mile (US) to Kilometer
- Mile (US) to Meter
- Mile (US) to Millimeter
- Mile (US) to Nautical Mile
- Mile (US) to Yard
- Millimeter to Centimeter
- Millimeter to Foot
- Millimeter to Inch
- Millimeter to Kilometer
- Millimeter to Meter
- Millimeter to Mile (US)
- Millimeter to Nautical Mile
- Millimeter to Yard
- Nautical Mile to Centimeter
- Nautical Mile to Foot
- Nautical Mile to Inch
- Nautical Mile to Kilometer
- Nautical Mile to Meter
- Nautical Mile to Mile (US)
- Nautical Mile to Millimeter
- Nautical Mile to Yard
- Yard to Centimeter
- Yard to Foot
- Yard to Inch
- Yard to Kilometer
- Yard to Meter
- Yard to Mile (US)
- Yard to Millimeter
- Yard to Nautical Mile

Lastest Convert Queries

- 317 Kilometers to Miles
- 9731 Kilometers to Miles
- 992 Kilometers to Miles
- 7374 Kilometers to Miles
- 165 Kilometers to Miles
- 192 Kilometers to Miles

- 999.8 Kilometers to Miles
- 211 Kilometers to Miles
- 108 Kilometers to Miles
- 999 Kilometers to Miles
- 643.1 Kilometers to Miles
- 6773 Kilometers to Miles
- 268 Kilometers to Miles
- 775 Kilometers to Miles
- 8918 Kilometers to Miles

Convert km to miles



Please provide values below to convert kilometer [km] to mile [mi, mi(Int)], or vice versa.

Kilometer

Definition: A kilometer (symbol: km) is a unit of length in the International System of Units (SI). One kilometer is equivalent to 0.6214 miles.

History/origin: The prefix kilo- is a metric prefix indicating one thousand. One kilometer is therefore one thousand meters. The origin of the kilometer is linked to that of the meter, and its current definition as the distance traveled by light in 1/299 792 458 second. This definition is subject to change, but the relationship between the meter and the kilometer will remain constant.

Current use: It is currently the official unit of measurement for expressing distances between geographical places on land in most of the world. However, there still remain a number of countries that primarily use the mile instead of the kilometer including the United States and the United Kingdom (UK). Unlike the United States, the UK has adopted the metric system, while the metric system is widely used in government, commerce, and industry, remnants of the imperial system can still be seen in the UK's use of miles in its road systems.

Mile

Definition: A mile (symbol: mi or m) is a unit of length in the imperial and US customary systems of measurement. It is currently defined as 5,280 feet, 1,760 yards, or exactly 1,609.344 meters.

History/origin: The mile is an English unit (predecessor of Imperial units and United States Customary Units) of length. The use of the abbreviation "m" for mile was common before the widespread adoption of the metric system; after the adoption of the metric system, "mi" became the preferred abbreviation in order to avoid confusion between miles and meters. The definition of a mile as 5,280 feet (or 8 furlongs), sometimes referred to as the statute mile, international mile, or land mile, which differs from the Roman mile of 5,000 feet, developed due to the importance of the furlong in England, back in 1593. There also exist a number of units based on, or closely related to, the Roman mile, including the nautical mile (1.852 km exactly), Italian mile (~1.852 km), and the Chinese mile (500m exactly).

Current use: Although most countries have adopted the metric system and use kilometers, rather than miles, to express land distance, the mile is still prevalently used in countries such as the United States (US), United Kingdom (UK), Myanmar, and Liberia, as well as some other countries which are either US or UK territories, or have historical ties with either country.

Kilometer to Mile Conversion Table

Kilometer [km]	Mile [mi, Mi(Int)]
0.01 km	0.0062137119 mi, mi(Int)
0.1 km	0.0621371192 mi, mi(Int)
1 km	0.6213711922 mi, mi(Int)
2 km	1.2427423845 mi, mi(Int)
3 km	1.8641135767 mi, mi(Int)
5 km	3.1068559612 mi, mi(Int)
10 km	6.2137119224 mi, mi(Int)
20 km	12.4274238447 mi, mi(Int)
50 km	31.0685596119 mi, mi(Int)
100 km	62.1371192237 mi, mi(Int)
1000 km	621.3711922373 mi, mi(Int)

How to Convert Kilometer to Mile

$$1 \text{ km} = 0.6213711922 \text{ mi, mi(Int)} \quad 1 \text{ mi, mi(Int)} = 1.609344 \text{ km}$$

$$\text{Example: convert 15 km to mi, mi(Int): } 15 \text{ km} = 15 \times 0.6213711922 \text{ mi, mi(Int)} = 9.3205678836 \text{ mi, mi(Int)}$$

Popular Length Unit Conversions

Convert Kilometer to Other Length Units

Convert 2.2 km to miles

All In One Unit Converter

⇒

Please, choose a physical quantity, two units, then type a value in any of the boxes above.

To use this Kilometers to miles calculator, simply type the value in any box at left or at right. It accepts fractional values.

Using this converter you can get answers to questions like:

- How many miles are in 2.2 kilometers.?
- 2.2 kilometers is equal to how many miles?
- How to convert kilometers to miles?
- What is the km to in conversion factor?
- What is the formula to convert from km to in? among others.

Definition of kilometer

A kilometer (abbreviation km), a unit of length, is a common measure of distance equal to 1000 meters and is equivalent to 0.621371192 mile or 3280.8398950131 feet.

Definition of mile

A mile is a unit of length in a number of systems of measurement, including in the US Customary Units and British Imperial Units. The international mile is precisely equal to 1.609344 km (which is $\frac{25146}{15625}$ km or $1\frac{9521}{15625}$ km in fraction).

Kilometer to miles formula and conversion factor

To calculate a kilometer value to the corresponding value in miles, just multiply the quantity in kilometers by 0.621371192 (the conversion factor).

Kilometer to mile formula

Miles = Kilometers * 0.621371192

Miles to Kilometers formula and conversion factor

To calculate a mile value to the corresponding value in kilometers, just multiply the quantity in miles by 1.609344 (the conversion factor).

Kilometer to Miles formula

Kilometers = Miles * 1.609344

Convert km² to miles² - Conversion of Measurement Units

» Convert square kilometre to square mile [nautical]

» More information from the unit converter

How many km² in 1 miles²? The answer is 3.429904. We assume you are converting between square kilometre and square mile [nautical]. You can view more details on each measurement unit: km² or miles² The SI derived unit for area is the square meter. 1 square meter is equal to 1.0E-6 km², or 2.9155334959812E-7 miles². Note that rounding errors may occur, so always check the results. Use this page to learn how to convert between square kilometers and square mile [nautical]. Type in your own numbers in the form to convert the units!

» Quick conversion chart of km² to miles²

1 km² to miles² = 0.29155 miles²

5 km² to miles² = 1.45777 miles²

10 km² to miles² = 2.91553 miles²

20 km² to miles² = 5.83107 miles²

30 km² to miles² = 8.7466 miles²

40 km² to miles² = 11.66213 miles²

50 km² to miles² = 14.57767 miles²

75 km² to miles² = 21.8665 miles²

100 km² to miles² = 29.15533 miles²

» Want other units?

You can do the reverse unit conversion from miles² to km², or enter any two units below:

» Common area conversions

km² to tsubo km² to square chain km² to square fathom km² to square microinch km² to pyeong km² to rai km² to square petameter
km² to morgen km² to stang km² to decare

» Metric conversions and more

ConvertUnits.com provides an online conversion calculator for all types of measurement units. You can find metric conversion tables for SI units, as well as English units, currency, and other data. Type in unit symbols, abbreviations, or full names for units of length, area, mass, pressure, and other types. Examples include mm, inch, 100 kg, US fluid ounce, 6'3", 10 stone 4, cubic cm, metres squared, grams, moles, feet per second, and many more!

Convert 2 Kilometers to Miles (km to mi)

1. Home
2. Conversions
3. Length Converter
4. Kilometers to Miles

Kilometers to Miles converter. Enter an amount of Kilometers to convert to Miles and click convert to start.

Result

How many Miles in 2 Kilometers?

2 Kilometers = 1.242742 Miles

2 Kilometers is equal to 1.242742 Miles

Conversion formular

mi = km × 0.621371

Calculation

To convert from Miles (mi) to Kilometers (km), take the following steps.

Step 1: Deliver formular mi = km × 0.621371
Step 2: Substitution mi = 2 × 0.621371
Step 3: Calculation mi = 1.242742

Therefore, 2 Kilometers is equal to 1.242742 Miles.

Convert Kilometers to Miles

Kilometers Miles
1 Kilometer 0.621371 Miles
2 Kilometers 1.242742 Miles
5 Kilometers 3.106856 Miles
10 Kilometers 6.213712 Miles
20 Kilometers 12.427424 Miles
50 Kilometers 31.06856 Miles
100 Kilometers 62.137119 Miles
500 Kilometers 310.685596 Miles
1000 Kilometers 621.371192 Miles
5000 Kilometers 3,106.855961 Miles
10000 Kilometers 6,213.711922 Miles
50000 Kilometers 31,068.559612 Miles

Convert Miles to Kilometers

Miles Kilometers
1 Mile 1.609344 Kilometers
2 Miles 3.218688 Kilometers
5 Miles 8.04672 Kilometers
10 Miles 16.09344 Kilometers
20 Miles 32.18688 Kilometers
50 Miles 80.4672 Kilometers
100 Miles 160.9344 Kilometers
500 Miles 804.672 Kilometers
1000 Miles 1,609.344 Kilometers
5000 Miles 8,046.72 Kilometers
10000 Miles 16,093.44 Kilometers
50000 Miles 80,467.2 Kilometers

Kilometers to Miles chart table

You can customize Kilometers to Miles chart table by adjusting values in the form below.

KilometersMiles1 Kilometer0.621371 Miles2 Kilometers1.242742 Miles3 Kilometers1.864114 Miles4 Kilometers2.485485 Miles5
Kilometers3.106856 Miles6 Kilometers3.728227 Miles7 Kilometers4.349598 Miles8 Kilometers4.97097 Miles9 Kilometers5.592341 Miles10
Kilometers6.213712 Miles11 Kilometers6.835083 Miles12 Kilometers7.456454 Miles13 Kilometers8.077825 Miles14 Kilometers8.699197
Miles15 Kilometers9.320568 Miles16 Kilometers9.941939 Miles17 Kilometers10.56331 Miles18 Kilometers11.184681 Miles19
Kilometers11.806053 Miles20 Kilometers12.427424 Miles

Convert Kilometers to other units

2 Kilometers = 2,000 MetersView page2 Kilometers = 200,000 CentimetersView page2 Kilometers = 2,000,000 MillimetersView page2
Kilometers = 2,000,000,000 MicrometersView page2 Kilometers = 2,000,000,000,000 NanometersView page2 Kilometers = 1.242742
MilesThis page2 Kilometers = 2,187.226597 YardsView page2 Kilometers = 6,561.67979 FeetView page2 Kilometers = 78,740.15748
InchesView page2 Kilometers = 1.079914 Nautical milesView page2 Kilometers = 2.114008×10^{-13} Light-yearsView page

Explore more conversions