

Useful Conversions

To Convert From	Multiply By	To Convert To
Length miles yards feet feet inches inches inches metres metres thousandths of an inch	1.609 0.9144 0.3048 30.480 304.80 0.0254 2.54 25.4 100.0 1000.0 25.4	kilometres metres metres centimetres millimetres metres centimetres millimetres centimetres millimeters microns
Area acres acres square feet square feet square inches square inches square inches squares perches square metres square metres square centimetres	0.4046 4046.9 0.0929 929.0 0.00065 6.45161 645.161 9.290 25.2928 10000.0 1000000.0 100.0	hectares square metres square metres square centimeters square metres square centimetres square millimetres square metres square metres square centimetres square millimetres square millimetres
Volume cubic feet cubic feet cubic feet cubic inches cubic inches cubic inches cubic metres cubic metres cubic metres cubic metres cubic centimetres cubic centimetres imperial fluid ounces us fluid ounces imperial pints us pints imperial gallons us gallons (liquid)	1728.00 0.02832 28316.736 0.00002 16.387 16387.0640 1000.0 1000.0 1000000.0 1000000000.0 1000.0 1.0000 0.02841 0.02957 0.56830 0.47230 4.5461 3.7854	cubic inches cubic metres cubic centimetres cubic metres cubic centimetres cubic millimetres cubic decimetres litres cubic centimetres cubic millimetres cubic millimetres cubic millilitres (water) litres litres litres litres litres litres

To convert from left to right, multiply by the corresponding centre column value.
Eg. To convert 5 miles to kilometres, multiply 5 by 1.609 = 8.045 kilometres.
To convert from right to left, divide by the corresponding centre column value.
Eg. To convert 8.045 kilometres to miles, divide 8.045 by 1.609 = 5 miles.

To Convert From	Multiply By	To Convert To
Weight long tons long tons stone pounds ounces tonnes kilograms kilograms grams grams	1.016 1,016 6.3503 0.4536 28.35 1,000 1,000 1,000,000 1,000 1,000,000	tonnes kilograms kilograms kilograms grams kilograms grams milligrams milligrams micrograms
Density pound/cubic foot pound/cubic inch grams/millilitre kilograms/cubic metre	16.0184 27,679.9 1,000 0.001	kilogram/cubic metre kilogram/cubic metre kilogram/cubic metre kilogram/litre (water)
Pressure pound/square inch pound/square inch pound/square inch pound/square inch pound/square inch pound/square inch pound/square inch pound/square inch pound/square inch kilopascal kilopascal kilopascal kilopascal kilopascal kilopascal kilopascal kilopascal kilopascal	703.0696 6.8947 51.7149 703.0696 0.00689 2.0360 27.6799 0.06895 0.06805 0.00986 0.01 0.000102 7.5006 101.9716 0.001 0.2953 4.01463	kilogram/square metre kilopascal millimetre of mercury millimetre of water newton/square millimetre inch of mercury inch of water bar atmosphere atmosphere bar kilogram/square millimetre millimetre of mercury millimetre of water newton/square millimetre inch of mercury inch of water
Viscosity millipascal second millipascal second millipascal second	1,000.00 1.0000 0.01	poise centipoise dyne second/square centimetre
<p>To convert from left to right, multiply by the corresponding centre column value. Eg. To convert 20 pound/square inch to kilopascal, multiply 20 by 6.8947 = 137.894 kilopascal.</p> <p>To convert from right to left, divide by the corresponding centre column value. Eg. To convert 137.894 kilopascal to pound/square inch, divide 137.894 by 6.8947 = 20 kilopascal.</p>		