



qwikCONVERT

by Ben Robinson

version 1.1

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qwikCONVERT is freeware and provided AS IS with no warranties.

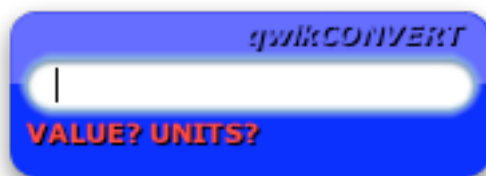
Donation as very welcome, click the PAY PAL
button on the back of the widget.

What is qwikCONVERT

With qwikCONVERT you can instantly convert from a variety of units into lots of other units – instantly.

How it works

When you drop the qwikCONVERT widget onto the dashboard you will see the main window, as shown here:



To start a conversion, simply enter, into the text box the value you want to convert and the standard abbreviation for the units you are converting from. (The abbreviation can be either before or after the number).

For example, you could enter the following values in the text box:

33mm
£500
8"

Try these examples, there are loads of abbreviations available, listed on a following page.

As you enter the value you want to convert, the text underneath the field will display the value qwikCONVERT understood from what you entered.

If you see the text **VALUE?**, qwikCONVERT cannot find a number value in what you entered.

If you see the text **UNITS?**, qwikCONVERT doesn't recognise any text you have entered as a valid abbreviation, listed below.

When the widget is first loaded, you see both VALUE? and UNITS? Because nothing has been entered.

When a valid number and unit abbreviation is accepted, the widget will expand to show conversions into all the other units of the same type (e.g. if you enter millimetres, mm, you will get a list of other lengths).

The widget will expand to as big as needed, up to a maximum size of about 13 units visible. A scroll bar is provided to see the rest. You can always make the widget even bigger, if your screen allows, see below.

Making the widget bigger

When you units have been converted, you may see a scrollbar, instead of scrolling you can make the widget taller.

To do this, drag the bottom section of the widget (next to the **i**) down.

If you think the widget is to big, drag the bottom section up.

When growing, the widget will grow to as big as needed to display all the conversions, up to the maximum height, this defaults to around 13 units, but can be set bigger or smaller as described above.

Setting colour preferences

As requested – you can set the colours used by the widget, these options are currently quite limited – requests are welcome.

To change the colours, simply flip the widget by click the [**i**] button and choosing a background and text colour from the drop down menus. Click [Done] to see the changes you have made, which will be saved.

Special note about currencies

When converting a currency value you will automatically use the last rates available, this mean that unlike other currency converters, you will get an instant answer – even thought it is a little out of date.

When currency conversions are shown, you will see the date the rates were published at the bottom of the widget.

As soon as the currency conversions are shown the widget will connect to the Internet and download the latest rates (if needed), you will see a message telling you the rates are being update. If the download is successful, the date will automatically change, and if appropriate, the conversions will update.

The downloaded file is only 4kb big, so this update is normally very fast.

If there is an error downloading the file, you will get a message to confirm this – check you network connections. The widget will try again when you do anther currency conversion.

Remembering unit abbreviations

There are lots of abbreviations that qwikCONVERT will recognise, and you cannot be expected to remember them all, although most are normal abbreviations that you would use anyway.

If you cannot remember the abbreviation you need, simply perform a conversion from a unit of the same type, and click the unit you need. This will transfer it into the text box.

For example, if you need to convert from "Cyprus pounds", and you don't know the abbreviation, enter the £ or \$ abbreviation instead, and click the text [Cyprus pound] in the results. The abbreviation for Cyprus pounds, cyp, will move to the text box, and the results will update.

Abbreviations are available on the next page

Available Units

Use the abbreviations listed here to perform a conversion. Some units have more than one abbreviation, you can use which ever you choose.

Length	
Unit	Abbreviation
Miles	mi
Yards	yd
Feet	' or ft
Inches	" or in
Kilometers	km
Meters	m
Centimeters	cm
Millimeters	mm

Weight	
Unit	Abbr.
Short Ton (US)	stn or tn us
Pound	lb
Ounce	oz
Long Ton (UK)	ltn or tn
Tonne (metric)	t
Kilogram	kg
Gram	g

Area	
Unit	Abbreviation
Square Mile	mi ²
Square Yard	yd ²
Square Foot	ft ² or '2
Square Inch	in ² or "2
Acre	acre
Square Km	km ²
Hectare	ha
Square Meter	m ²
Square cm	cm ²
Square mm	mm ²

Temperature	
Unit	Abbreviation
Fahrenheit	f or °f
Celsius	c or °c or °
Kelvin	k or °k

Volume	
Unit	Abbr.
Cubic Feet	ft ³ or '3
Gallon (UK)	gal
Gallon (US)	gal us
Quart (US)	qt
Pint (UK)	pt
Pint (US)	pt us
Fluid Ounce (UK)	fl oz
Fluid Ounce (US)	fl oz us
Dram (US)	dr
Cubic Meter	m ³
Liter	l
Milliliter	ml

Speed	
Unit	Abbr.
Knots	kn
Miles/Hour	m/h
Miles/Minute	m/m
Feet/Minute	f/m
Feet/Second	f/s
Kilometers/Hour	km/h
Kilometers/Minute	km/m
Meters/Second	m/s

Time	
Unit	Abbreviation
Years	yr
Weeks	wk
Days	dy
Hours	hr
Minutes	min
Seconds	sec

Pressure	
Unit	Abbr.
Pounds/Square Foot	psf
Pounds/Square Inch	psi
Atmospheres	at
Bars	bar
cms of Mercury	cm/m
Inches of Mercury	in/m
Kg/Square Meter	kg/m ²
Pascals	pa

Energy	
Unit	Abbreviation
BTUs	btu
Foot-Pounds	ft/lb
Ergs	erg
Kilowatt-Hours	kw/h
Watt-Hours	w/h
Kilogram-Calories	kg/cal kcal
Calories	cal
Kilogram-Meters	kg/m
Newton-Meters	nm n/m
Joules	j

Power	
Unit	Abbreviation
BTUs/Minute	btu/m
Foot-Pounds/Minute	ft/lb/m
Foot-Pounds/Second	ft/lb/s
Horsepower	hp
Kilowatts	kw
Watts	w

Currency	
Unit	Abbr.
Euro	EUR or €
US dollar	USD or \$
Japanese yen	JPY or ¥
Cyprus pound	CYP
Czech koruna	CZK
Danish krone	DKK
Estonian kroon	EEK
Pound sterling	GBP or £
Hungarian forint	HUF
Lithuanian litas	LTL
Latvian lats	LVL
Maltese lira	MTL
Polish zloty	PLN
Swedish krona	SEK or kr
Slovenian tolar	SIT
Slovak koruna	SKK
Swiss franc	CHF
Icelandic krona	ISK
Norwegian krone	NOK
Bulgarian lev	BGN
Croatian kuna	HRK
Romanian leu	ROL
Russian rouble	RUB
New Turkish lira	TRY
Australian dollar	AUD
Canadian dollar	CAD
Chinese yuan renminbi	CNY or 元 or 圓
Hong Kong dollar	HKD
Indonesian rupiah	IDR
South Korean won	KRW or ₩
Malaysian ringgit	MYR
New Zealand dollar	NZD
Philippine peso	PHP or ₱
Singapore dollar	SGD
Thai baht	THB or ฿
South African rand	ZAR or r

Version History

1.1 Colour options added

1.0 First Release

Making Contact

If you have any questions, suggestions or have spotted a bug, please feel free to email me at:

software@ben-robinson.com

All of your suggestions are very welcome.

Feel free to email me even just to say your using qwikCONVERT!

Enjoy!

Ben Robinson