

UNIT CONVERTER

A USER'S GUIDE

UNIT CONVERTER

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Q Search a category or unit — e.g. gpm, psi, footcandle...

2

LENGTH & SPACE

LENGTH

AREA

VOLUME

ENERGY & POWER

ENERGY

POWER

SPECIFIC ENERGY

FLOW & VELOCITY

VOLUME FLOW

MASS FLOW

VELOCITY

HEAT & TEMPERATURE

TEMPERATURE

HEAT FLUX

HEAT TRANSFER COEFF.

FORCE & PRESSURE

MASS

FORCE

PRESSURE

LIGHT & TIME

ILLUMINANCE

TIME

3

■ AREA ⓘ

VALUE

16

FROM UNIT

Square Inch (in²)

Tip: click any unit row to re-read your number in that unit.

4

■ EQUIVALENTS

in ²	Square Inch base: m ²	FROM	16
ft ²	Square Foot base: m ²		0.111111
yd ²	Square Yard base: m ²		0.0123457
m ²	Square Meter base: m ²		0.0103226
cm ²	Square Centimeter base: m ²		103.226
ac	Acre base: m ²		2.5508e-6
ha	Hectare base: m ²		1.0323e-6

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↺ Reset

🖨️ Print

6

DESCRIPTION

PURPOSE: The Unit Converter turns a single value into every equivalent unit in its category at once. It (1) organizes engineering measurement categories — length, area, volume, flow, pressure, energy, power, temperature, and more — into six labeled groups, (2) converts your value into all related units instantly as you type, and (3) lets you re-base that number onto any unit with a single click. A search box jumps straight to any category or unit, US and SI units sit side by side, and the tool prints a clean one-page reference.

#1 SEARCH BAR: Type any category or unit — “gpm,” “psi,” “footcandle” — and the list narrows instantly. Press Enter to jump straight to that converter.

#2 CATEGORY GRID: All 17 measurement categories, sorted into six labeled families (Length & Space, Flow & Velocity, Force & Pressure, Energy & Power, Heat & Temperature, and Light & Time). Click one to load it.

#3 VALUE: Enter the number you want to convert. Every equivalent updates live as you type.

#4 FROM UNIT: The unit your value is in. Change it from the dropdown, or simply click a result row (see #5) to switch.

#5 EQUIVALENTS: Your value shown in every other unit of the category at once. Click any row to re-read the same number in that unit — e.g., enter 16, click Square Foot, and it becomes 16 ft². Each row notes the SI base unit used.

#6 RESET / PRINT: Reset returns to the default category and value; Print produces a clean one-page reference of the current conversion.