

Inches to Millimeters Conversion Chart

This chart provides a convenient reference for converting between inches (in) and millimeters (mm). The standardized conversion is 1 in = 25.4 mm and 0.039370 in = 1 mm.

Conversion Formulas:

To convert Inches to Millimeters: **Inches = Millimeters × 0.039370**

To convert Millimeters to Inches: **Millimeters = Inches × 25.4**

How to Convert Inches to Millimeters:

1. Take your measurement in inches.
2. Multiply this number by 25.4 (the conversion factor).
3. The result is your measurement in millimeters.

Example:

To convert 3.5 inches to millimeters:

$$3.5 \text{ inches} \times 25.4 = 88.9 \text{ millimeters}$$

How to Convert Millimeters to Inches:

1. Take your measurement in millimeters.
2. Multiply this number by 0.039370 (the conversion factor).
3. The result is your measurement in inches.

Example:

To convert 50 millimeters to inches:

50 millimeters \times 0.039370 = 1.97 inches

Common Conversions (1-120 in)

| Inches (in) | Millimeters (mm) | Inches (in) | Millimeters (mm) |
|-------------|------------------|-------------|------------------|
| 1 in | 25.4 mm | 25 in | 635.0 mm |
| 2 in | 50.8 mm | 30 in | 762.0 mm |
| 3 in | 76.2 mm | 35 in | 889.0 mm |
| 4 in | 101.6 mm | 40 in | 1016.0 mm |
| 5 in | 127.0 mm | 45 in | 1143.0 mm |
| 6 in | 152.4 mm | 50 in | 1270.0 mm |
| 7 in | 177.8 mm | 55 in | 1397.0 mm |
| 8 in | 203.2 mm | 60 in | 1524.0 mm |
| 9 in | 228.6 mm | 65 in | 1651.0 mm |
| 10 in | 254.0 mm | 70 in | 1778.0 mm |
| 11 in | 279.4 mm | 75 in | 1905.0 mm |
| 12 in | 304.8 mm | 80 in | 2032.0 mm |
| 13 in | 330.2 mm | 85 in | 2159.0 mm |
| 14 in | 355.6 mm | 90 in | 2286.0 mm |
| 15 in | 381.0 mm | 95 in | 2413.0 mm |
| 16 in | 406.4 mm | 100 in | 2540.0 mm |
| 17 in | 431.8 mm | 105 in | 2667.0 mm |
| 18 in | 457.2 mm | 110 in | 2794.0 mm |

| | | | |
|-------|----------|--------|-----------|
| 19 in | 482.6 mm | 115 in | 2921.0 mm |
| 20 in | 508.0 mm | 120 in | 3048.0 mm |

Practical Equivalents:

- 0.25 in = 6.35 mm (approximately 1/4 inch)
- 0.5 in = 12.7 mm (approximately 1/2 inch)
- 1 in = 25.4 mm (exactly 1 inch)
- 3 in = 76.2 mm (approximately the width of a credit card)
- 6 in = 152.4 mm (a standard ruler)
- 12 in = 304.8 mm (1 foot)

© 2025 AllUnitConversions.com • For accurate measurements, please use a calibrated measuring device.