

Radians to Degrees conversion calculator

Enter angle in radians and press the *Convert* button (e.g:0.5, $\pi/2$, $3\pi/2$):

Enter Radians: rad

Degrees result:

Angle view:

[Degrees to radians converter](#) ►

How to convert radians to degrees

Pi radians are equal to 180 degrees:

$$\pi \text{ rad} = 180^\circ$$

One radian is equal 57.295779513 degrees:

$$1 \text{ rad} = 180^\circ / \pi = 57.295779513^\circ$$

The angle α in degrees is equal to the angle α in radians times 180 degrees divided by pi constant:

$$\alpha_{(\text{degrees})} = \alpha_{(\text{radians})} \times 180^\circ / \pi$$

or

$$\text{degrees} = \text{radians} \times 180^\circ / \pi$$

Example

Convert 2 radians angle to degrees:

$$\alpha_{(\text{degrees})} = \alpha_{(\text{radians})} \times 180^\circ / \pi = 2 \times 180^\circ / 3.14159 = 114.592^\circ$$

Radians to degrees conversion table

Radians (rad)	Radians (rad)	Degrees (°)
0 rad	0 rad	0°
$\pi/6$ rad	0.5235987756 rad	30°
$\pi/4$ rad	0.7853981634 rad	45°
$\pi/3$ rad	1.0471975512 rad	60°
$\pi/2$ rad	1.5707963268 rad	90°
$2\pi/3$ rad	2.0943951024 rad	120°

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- [Binary to ASCII](#)
- [Binary to decimal](#)
- [Binary to hex](#)
- [Date to roman](#)
- [Decimal to fraction](#)
- [Decimal to percent](#)
- [Decimal to binary](#)
- [Decimal to octal](#)
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- [Degrees to minutes,seconds](#)
- [Degrees to radians](#)
- [Fraction to decimal](#)
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- [Hex/decimal/octal/binary converter](#)
- [Hex to ASCII](#)
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- [Minutes, seconds to degrees](#)
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- [Percent to fraction](#)
- [Percent to ppm](#)
- [ppm to percent](#)
- [ppm to ppb](#)
- [ppm to ppt](#)
- [ppb to ppm](#)
- [ppt to ppm](#)
- [ppm converter](#)
- [Radians to degrees](#)

$3\pi/4$ rad	2.3561944902 rad	135°
$5\pi/6$ rad	2.6179938780 rad	150°
π rad	3.1415926536 rad	180°
$3\pi/2$ rad	4.7123889804 rad	270°
2π rad	6.2831853072 rad	360°

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