

Unit Circle

(1, 0) 0 / 360 0 / 2π ($\sqrt{2}/2$, $\sqrt{2}/2$) 45 $\pi/4$ (0, 1) 90 $\pi/2$ (-1, 0) 180 π (0, -1) 270 $3\pi/2$

Coordinates

$$(x, y) = (\cos \theta, \sin \theta)$$

$$\tan \theta = y / x$$

Conversion

$$\text{Radians} = \text{Degrees} \times (\pi / 180)$$

$$\text{Degrees} = \text{Radians} \times (180 / \pi)$$