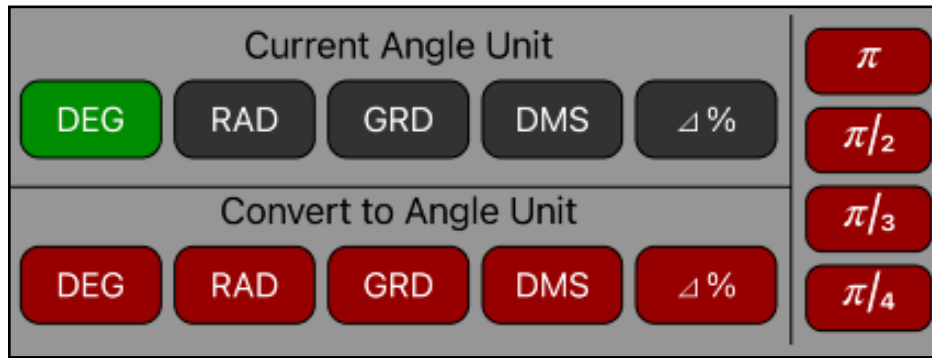


Angles Conversion Menu



This menu adds an angular conversion functions to the calculator. Type a value, set its angular unit in the “Current Angular Unit” buttons and, convert it to any of the “Convert to Angular Unit” options.

Angles Conversion Menu Actions	
[DEG]	Set the current angle unit to decimal Degrees.
[RAD]	Set the current angle unit to Radians.
[GRD]	Set the current angle unit to Gradians.
[DMS]	Set the current angle unit to Degree-Minutes-Seconds.
[Δ%]	Set the current angle unit to Slope Percent.
[DEG]	Convert the displayed number to decimal Degrees.
[RAD]	Convert the displayed number to Radians.
[GRD]	Convert the displayed number to Gradians.
[DMS]	Convert the displayed number to Degree-Minutes-Seconds.
[Δ%]	Convert the displayed number to Slope Percent.
[π] [π/2] [π/3] [π/4]	Enters the value or fraction of the number “Pi” in the calculator.

Once one of the “Convert to...” buttons is touched, the displayed number is converted from the current unit to the selected unit and the “Current Angular Unit” is updated accordingly.

Example 1: Convert 88° 57' 23.45" to decimal degrees.

Keystrokes	Description
88.572345	Type the initial value
Current Angular Unit [DMS]	Set the input angle unit to Degree-Minute-Seconds.
Convert To Angle Unit [DEG]	Convert to decimal Degrees. Result = 88.9565

Example 2: Convert 23.5 Degrees to radians, gradians, slope percent and Degree-Minutes-Seconds.

Keystrokes	Description
23.5	Type the initial value
Current Angular Unit [DEG]	Set the input angle unit to Degrees.
Convert To Angle Unit [RAD]	Convert to Radians. Result = 0.4102
Convert To Angle Unit [GRD]	Convert to Gradians. Result = 26.1111
Convert To Angle Unit [Δ%]	Convert to slope percent. Result = 43.4812
Convert To Angle Unit [DMS]	Convert to D.MMSS format. Result = 23.3000 (23 degrees, 30 minutes and 0 seconds).

Example 3: Convert " $\pi / 3$ " Radians to Degree-Minute-Second Format.

Keystrokes	Description
[$\pi / 3$]	Input initial value. Result = 1.0472 ($\pi / 3$ radians).
Current Angular Unit [RAD]	Set the input angle unit to Radians.
Convert To Angle Unit [DMS]	Convert to D.MMSS format. Result = 60.00 (60 degrees, 0 minutes and 0 seconds).