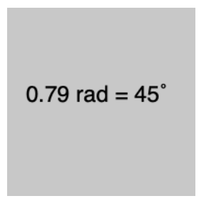
degrees()

Converts an angle measured in radians to its value in degrees.

Degrees and radians are both units for measuring angles. There are 360° in one full rotation. A full rotation is 2 × π (about 6.28) radians.

The same angle can be expressed in with either unit. For example, 90° is a quarter of a full rotation. The same angle is 2 × π ÷ 4 (about 1.57) radians.

Examples




```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Calculate the angle conversion.
  let rad = QUARTER_PI;
  let deg = degrees(rad);

  // Display the conversion.
  text(`${round(rad, 2)} rad = ${deg}°`, 10, 50);

  describe('The text "0.79 rad = 45°".');
}
```

Syntax

```
degrees(radians)
```

Parameters

radians	Number: radians value to convert to degrees.

Returns

Number: converted angle.

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Related References

acos
Calculates the arc cosine of a number.

angleMode
Changes the unit system used to measure angles.

asin
Calculates the arc sine of a number.

atan
Calculates the arc tangent of a number.