

PHP Math

[< Previous](#)[Next >](#)

PHP has a set of math functions that allows you to perform mathematical tasks on numbers.

PHP pi() Function

The `pi()` function returns the value of PI:

Example

```
<?php
echo(pi()); // returns 3.1415926535898
?>
```

[Try it Yourself »](#)

PHP min() and max() Functions

☐ Dark mode



Example

```
<?php
echo(min(0, 150, 30, 20, -8, -200)); // returns -200
echo(max(0, 150, 30, 20, -8, -200)); // returns 150
?>
```

Try it Yourself »

ADVERTISEMENT

PHP abs() Function

The `abs()` function returns the absolute (positive) value of a number:

Example

```
<?php
echo(abs(-6.7)); // returns 6.7
?>
```

Try it Yourself »

☐ Dark mode



PHP sqrt() Function

The `sqrt()` function returns the square root of a number:

Example

```
<?php
echo(sqrt(64)); // returns 8
?>
```

[Try it Yourself »](#)

PHP round() Function

The `round()` function rounds a floating-point number to its nearest integer:

Example

```
<?php
echo(round(0.60)); // returns 1
echo(round(0.49)); // returns 0
?>
```

[Try it Yourself »](#)

Random Numbers

The `rand()` function generates a random number:

Example

☐ Dark mode

```
echo(rand());
```

```
?>
```

[Try it Yourself »](#)

To get more control over the random number, you can add the optional *min* and *max* parameters to specify the lowest integer and the highest integer to be returned.

For example, if you want a random integer between 10 and 100 (inclusive), use `rand(10, 100)` :

Example

```
<?php
echo(rand(10, 100));
?>
```

[Try it Yourself »](#)

Complete PHP Math Reference

For a complete reference of all math functions, go to our complete [PHP Math Reference](#).

The PHP math reference contains description and example of use, for each function.

[◀ Previous](#)[Next ▶](#)

ADVERTISEMENT

☐ Dark mode



COLOR PICKER



HTML

CSS



Get certified
by completing
a PHP
course today!



Get started

IMPROVE YOUR
Learning Journey

- ✓ No More Ads
- ✓ Hosting Benefits
- ✓ More Spaces
- ✓ HTML Video

UPGRADE



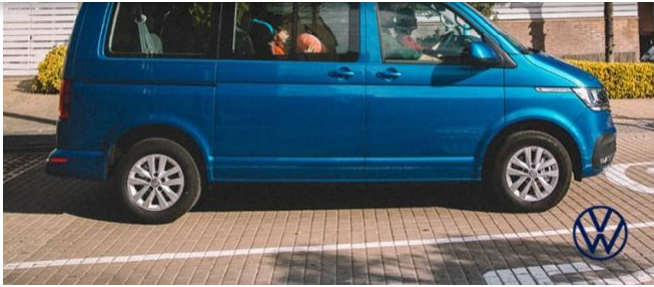
ADVERTISEMENT

☐ Dark mode



HTML

CSS



Con el Caravelle sentirás que es un el que vivir momentos inolvidables Renting. ¡Configúralo adaptado a tu

SPONSORED BY VOLKSWAGEN

[Report Error](#)[Spaces](#)[Upgrade](#)[Newsletter](#)[Get Certified](#)

Top Tutorials

- [HTML Tutorial](#)
- [CSS Tutorial](#)
- [JavaScript Tutorial](#)
- [How To Tutorial](#)
- [SQL Tutorial](#)
- [Python Tutorial](#)
- [W3.CSS Tutorial](#)
- [Bootstrap Tutorial](#)
- [PHP Tutorial](#)
- [Java Tutorial](#)
- [C++ Tutorial](#)
- [jQuery Tutorial](#)

Top References

- [HTML Reference](#)
- [CSS Reference](#)
- [JavaScript Reference](#)
- [SQL Reference](#)
- [Python Reference](#)
- [W3.CSS Reference](#)
- [Bootstrap Reference](#)
- [PHP Reference](#)
- [HTML Colors](#)

☐ Dark mode





Top Examples

- HTML Examples
- CSS Examples
- JavaScript Examples
- How To Examples
- SQL Examples
- Python Examples
- W3.CSS Examples
- Bootstrap Examples
- PHP Examples
- Java Examples
- XML Examples
- jQuery Examples

Get Certified

- HTML Certificate
- CSS Certificate
- JavaScript Certificate
- Front End Certificate
- SQL Certificate
- Python Certificate
- PHP Certificate
- jQuery Certificate
- Java Certificate
- C++ Certificate
- C# Certificate
- XML Certificate

[FORUM](#) | [ABOUT](#)

W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using W3Schools, you agree to have read and accepted our [terms of use](#), [cookie](#) and [privacy policy](#).

Copyright 1999-2022 by Refsnes Data. All Rights Reserved.
W3Schools is Powered by W3.CSS.

