

Basic JavaScript

JS Tutorial

JS Syntax

JS Variables

JS Operators

JS Arithmetic

JS Assignment

JS Comparisons

JS If Conditions

JS Loops

JS Strings

JS Numbers

JS Functions

JS Objects

JS Scope

JS Dates

JS Arrays

JS Sets

JS Iterations

JS Math

JS RegExp

JS Data Types

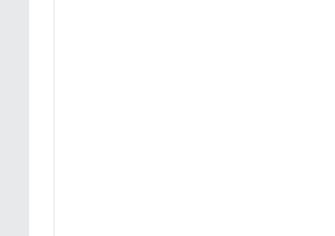
actrise

Get Certified!

Document your skills with all of W3Schools Certificates

\$1,999 \$499

Save 75%



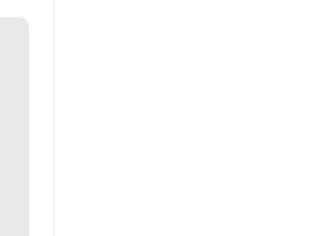
COLOR PICKER



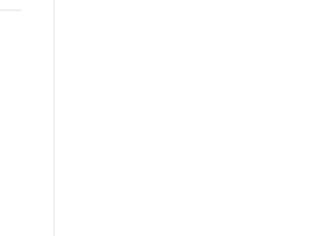
YouTube Instagram Facebook Twitter



REMOVE ADS



Python Coding



actrise

JavaScript Assignment

[◀ Previous](#)[Next ▶](#)

JavaScript Assignment Operators

Assignment operators assign values to JavaScript variables.

Given that `x = 10` and `y = 5`, the table below explains the assignment operators:

Operator	Example	Same As	Result
<code>=</code>	<code>x = y</code>	<code>x = y</code>	<code>x = 5</code>
<code>+=</code>	<code>x += y</code>	<code>x = x + y</code>	<code>x = 15</code>
<code>-=</code>	<code>x -= y</code>	<code>x = x - y</code>	<code>x = 5</code>
<code>*=</code>	<code>x *= y</code>	<code>x = x * y</code>	<code>x = 50</code>
<code>**=</code>	<code>x **= y</code>	<code>x = x ** y</code>	<code>x = 100000</code>
<code>/=</code>	<code>x /= y</code>	<code>x = x / y</code>	<code>x = 2</code>
<code>%=</code>	<code>x %= y</code>	<code>x = x % y</code>	<code>x = 0</code>
<code>:</code>	<code>x: 45</code>	<code>size.x = 45</code>	<code>x = 45</code>

Logical Assignment Operators

Operator	Example	Result
<code>&&=</code>	<code>true &&= 10</code>	<code>x = 10</code>
<code> =</code>	<code>false = 10</code>	<code>x = 10</code>
<code>??=</code>	<code>null ??= 10</code>	<code>x = 10</code>

The = Operator

The Simple Assignment Operator assigns a simple value to a variable.

Simple Assignment Examples

`let x = 10;`[Try It Yourself »](#)`let x = 10 + y;`[Try It Yourself »](#)

The += Operator

The Addition Assignment Operator adds a value to a variable.

Addition Assignment Examples

`let x = 10;``x += 5;`[Try It Yourself »](#)`Try It Yourself »`

The -= Operator

The Subtraction Assignment Operator subtracts a value from a variable.

Subtraction Assignment Example

`let x = 10;``x -= 5;`[Try It Yourself »](#)`Try It Yourself »`

The *= Operator

The Multiplication Assignment Operator multiplies a variable.

Multiplication Assignment Example

`let x = 10;``x *= 5;`[Try It Yourself »](#)`Try It Yourself »`

The **= Operator

The Exponentiation Assignment Operator raises a variable to the power of the operand.

Exponentiation Assignment Example

`let x = 10;``x **= 5;`[Try It Yourself »](#)`Try It Yourself »`

The /= Operator

The Division Assignment Operator divides a variable.

Division Assignment Example

`let x = 10;``x /= 5;`[Try It Yourself »](#)`Try It Yourself »`

The %= Operator

The Remainder Assignment Operator assigns a remainder to a variable.

Remainder Assignment Example

`let x = 10;``x %= 5;`[Try It Yourself »](#)`Try It Yourself »`

The *= Operator

The Exponentiation Assignment Operator raises a variable to the power of the operand.

Exponentiation Assignment Example

`let x = 10;``x **= 5;`[Try It Yourself »](#)`Try It Yourself »`

The /= Operator

The Division Assignment Operator divides a variable.

Division Assignment Example

`let x = 10;``x /= 5;`[Try It Yourself »](#)`Try It Yourself »`

The %= Operator

The Remainder Assignment Operator assigns a remainder to a variable.

Remainder Assignment Example

`let x = 10;``x %= 5;`[Try It Yourself »](#)`Try It Yourself »`

The &&= Operator

The Logical AND assignment operator is used between two values.

If the first value is true, the second value is assigned.

Logical AND Assignment Examples

`let x = true;``let y = x &&= 10;`[Try It Yourself »](#)`Try It Yourself »`

The ||= Operator

The Logical OR assignment operator adds between two values.

If the first value is false, the second value is assigned.

Logical OR Assignment Example

`let x = false;``let y = x ||= 10;`[Try It Yourself »](#)`Try It Yourself »`

The ??= Operator

The Nullish coalescing assignment operator is used between two values.

If the first value is undefined or null, the second value is assigned.

Nullish Coalescing Assignment Example

`let x = undefined;``x ??= 10;`[Try It Yourself »](#)`Try It Yourself »`

The *= Operator

The Exponentiation Assignment Operator raises a variable to the power of the operand.

Exponentiation Assignment Example

`let x = 10;``x **= 5;`[Try It Yourself »](#)`Try It Yourself »`

The /= Operator

The Division Assignment Operator divides a variable.

Division Assignment Example

`let x = 10;``x /= 5;`[Try It Yourself »](#)`Try It Yourself »`

The %= Operator

The Remainder Assignment Operator assigns a remainder to a variable.

Remainder Assignment Example

`let x = 10;``x %= 5;`[Try It Yourself »](#)`Try It Yourself »`

The &&= Operator

The Logical AND assignment operator is used between two values.

If the first value is true, the second value is assigned.

Logical AND Assignment Examples

`let x = true;``let y = x &&= 10;`