JavaScript Assignment

## **JavaScript Assignment Operators**

Assignment operators assign values to JavaScript variables.

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| --- | --- | --- |
| **Operator** | **Example** | **Same As** |
| = | x = y | x = y |
| += | x += y | x = x + y |
| -= | x -= y | x = x - y |
| \*= | x \*= y | x = x \* y |
| /= | x /= y | x = x / y |
| %= | x %= y | x = x % y |
| \*\*= | x \*\*= y | x = x \*\* y |

## **Shift Assignment Operators**

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| --- | --- | --- |
| **Operator** | **Example** | **Same As** |
| <<= | x <<= y | x = x << y |
| >>= | x >>= y | x = x >> y |
| >>>= | x >>>= y | x = x >>> y |

## **Bitwise Assignment Operators**

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| --- | --- | --- |
| **Operator** | **Example** | **Same As** |
| &= | x &= y | x = x & y |
| ^= | x ^= y | x = x ^ y |
| |= | x |= y | x = x | y |

## **Logical Assignment Operators**

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| --- | --- | --- |
| **Operator** | **Example** | **Same As** |
| &&= | x &&= y | x = x && (x = y) |
| ||= | x ||= y | x = x || (x = y) |
| ??= | x ??= y | x = x ?? (x = y) |