

Operator Precedence in Python 3

Listed from highest precedence (evaluated first) to lowest (evaluated last)

Operator	Description
<code>(expressions...), [expressions...], {key: value...}, {expressions...}</code>	Binding or parenthesized expression, list display, dictionary display, set display
<code>x[index], x[index:index], x(arguments...), x.attribute</code>	Subscription, slicing, call, attribute reference
<code>await x</code>	Await expression
<code>**</code>	Exponentiation
<code>+x, -x, ~x</code>	Positive, negative, bitwise NOT
<code>*, @, /, //, %</code>	Multiplication, matrix multiplication, division, floor division, remainder
<code>+, -</code>	Addition and subtraction
<code><<, >></code>	Shifts
<code>&</code>	Bitwise AND
<code>^</code>	Bitwise XOR
<code> </code>	Bitwise OR
<code>in, not_in, is, is_not, <, <=, >, >=, !=, ==</code>	Comparisons, including membership tests and identity tests
<code>not x</code>	Boolean NOT
<code>and</code>	Boolean AND
<code>or</code>	Boolean OR
<code>if - else</code>	Conditional expression
<code>lambda</code>	Lambda expression
<code>=</code>	Assignment expression

From: <https://docs.python.org/3/reference/expressions.html>