

# C# Operator Precedence and Associativity

Type	Operators	Associativity
Primary	[] . ( ) ++ <i>(postfix)</i> -- <i>(postfix)</i> -> new	Left to right
Unary	++ <i>(prefix)</i> -- <i>(prefix)</i> + - ~ ! (cast) sizeof	Right to Left
Multiplicative	* / %	Left to Right
Additive	+ -	Left to Right
Shift	<< >>	Left to Right
Relational	< > <= >= is	Left to Right
Equality	== !=	Left to Right
Bitwise AND	&	Left to Right
Bitwise XOR	^	Left to Right
Bitwise OR		Left to Right
Conditional AND	&&	Left to Right
Conditional OR		Left to Right
Conditional	?:	Left to Right
Assignment	= += -= *= /= %= >>= <<= &= ^=  =	Right to Left
Sequential Evaluation	,	Left to Right