

JavaScript Comparison & Logical Operators

Comparison Operators

Operator	Description	Given that x = 5	
==	equal to	x == 8	false
===	equal value and equal type	x === 5	true
!=	not equal to	x != 8	true
!==	not equal value or not equal type	x !== 5	false
>	greater than	x > 8	false
<	less than	x < 8	true
>=	greater than or equal to	x >= 8	false
<=	less than or equal to	x <= 8	true

Logical Operators

Operator	Description	Given that x = 6 and y = 3	
&&	and	(x < 10 && y > 1)	true
	or	(x == 5 y == 5)	false
!	not	!(x == y)	true

Comparing Different Types

- When comparing a string with a number, JavaScript will **convert the string to a number** when doing the comparison.
- An empty string converts to 0.
- NOTE: Convert to proper type before comparing.