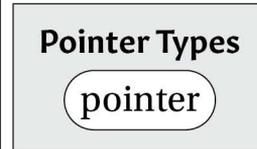
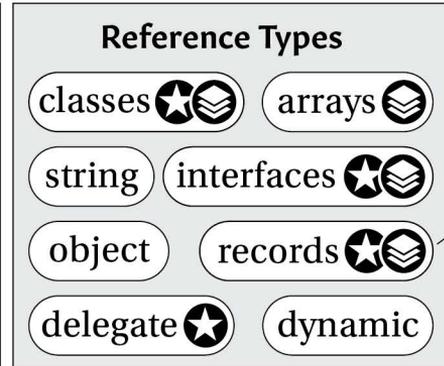
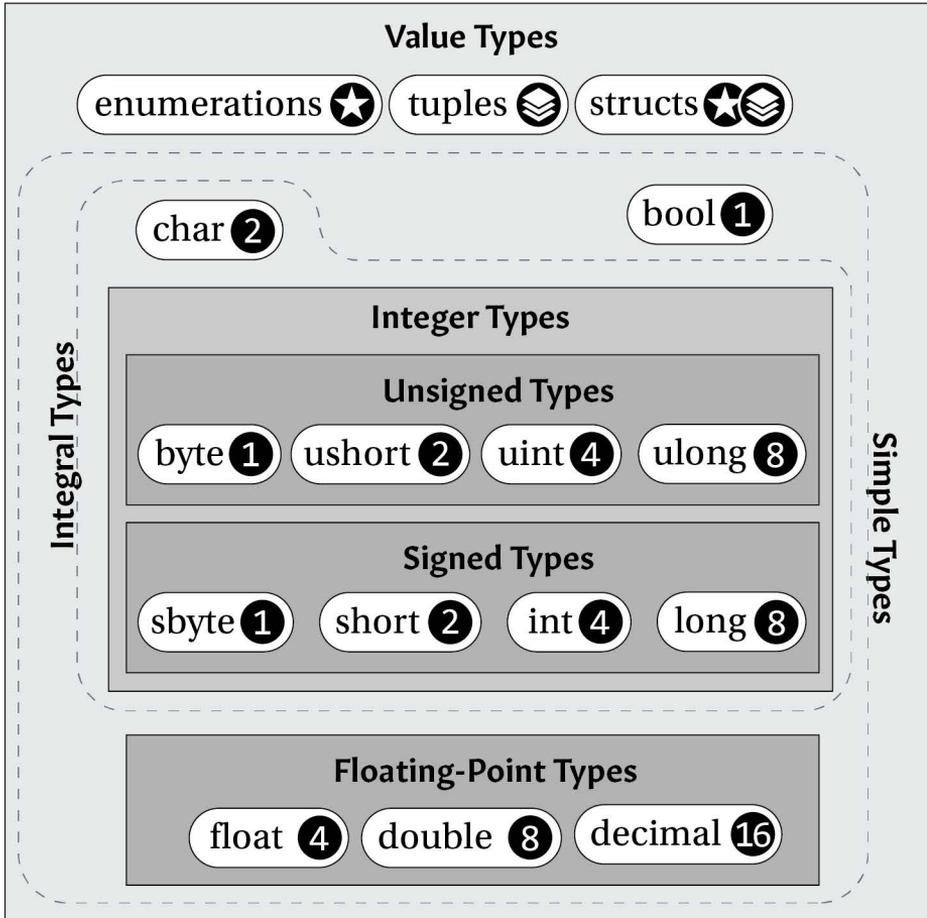


# C# Types



**Integral Type:** All integer types and char

**Simple Type:** A value type that supports literals constants.

## Ranges

sbyte		-128	to	127
short		-32,768	to	32,767
int		-2,147,483,648	to	2,147,483,647
long		-9,223,372,036,854,775,808	to	9,223,372,036,854,775,807
byte		0	to	255
ushort		0	to	65,535
uint		0	to	4,294,967,295
ulong		0	to	18,446,744,073,709,551,615

float	$\pm 1.5 \times 10^{-45}$	to	$\pm 3.4 \times 10^{38}$	6 to 9 digits of precision
double	$\pm 5.0 \times 10^{-324}$	to	$\pm 1.7 \times 10^{308}$	15 to 17 digits of precision
decimal	$\pm 1.0 \times 10^{-28}$	to	$\pm 7.9228 \times 10^{28}$	28 to 29 digits of precision

1 2 4 8 16 Size (Bytes)

Composed of other elements

You can define your own