

Built-in Types Table

The following table shows the keywords for built-in C# types, which are aliases of predefined types in the **System** namespace.

C# Type	.NET Framework type
bool	System.Boolean
byte	System.Byte
sbyte	System.SByte
char	System.Char
decimal	System.Decimal
double	System.Double
float	System.Single
int	System.Int32
uint	System.UInt32
long	System.Int64
ulong	System.UInt64
object	System.Object
short	System.Int16
ushort	System.UInt16
string	System.String

Remarks

All of the types in the table, except **object** and **string**, are referred to as simple types.

The C# type keywords and their aliases are interchangeable. For example, you can declare an integer variable by using either of the following declarations:

```
int x = 123;  
System.Int32 x = 123;
```

To display the actual type for any C# type use the system method `GetType()`. For example, the following statement displays the system alias that represents the type of `myVariable`:

```
Console.WriteLine(myVariable.GetType());
```

You can also use the [typeof](#) operator.

See Also

[C# Keywords](#) | [Value Types](#) | [Default Values Table](#) | [Formatting Numeric Results Table](#) | [Types Reference Tables](#)

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