

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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