

<b>C# Version</b>	<b>Associated .NET Version</b>	<b>Release Date</b>	<b>Key Features Introduced</b>
<b>C# 1.0/1.1/1.2</b>	.NET Framework 1.0/1.1	2002/2003	Basic features, object-oriented programming
<b>C# 2.0</b>	.NET Framework 2.0/3.0	Nov 2005	Generics, anonymous methods, nullable types, iterators, partial types
<b>C# 3.0</b>	.NET Framework 3.5	Nov 2007	LINQ (Language Integrated Query), lambda expressions, extension methods, implicit typing, object/collection initializers
<b>C# 4.0</b>	.NET Framework 4	Apr 2010	Dynamic binding, named/optional parameters, generic covariance/contravariance
<b>C# 5.0</b>	.NET Framework 4.5	Aug 2012	async and await for asynchronous programming, caller info attributes
<b>C# 6.0</b>	.NET Framework 4.6, .NET Core 1.0	Jul 2015	String interpolation, expression-bodied members, null-conditional operators, auto-property initializers
<b>C# 7.0–7.3</b>	.NET Framework 4.7/4.8, .NET Core 2.0–2.2	2017–2018	Tuples, pattern matching, local functions, out variables, nullable reference types (partial)
<b>C# 8.0</b>	.NET Core 3.0/3.1	Sep 2019	Nullable reference types, switch expressions, async streams, default interface methods

<b>C# 9.0</b>	.NET 5	Nov 2020	Records, top-level statements, init-only properties, improved pattern matching
<b>C# 10.0</b>	.NET 6 (LTS)	Nov 2021	Global using directives, file-scoped namespaces, record structs, constant interpolated strings
<b>C# 11.0</b>	.NET 7	Nov 2022	Generic math support, raw string literals, list patterns, file-scoped types
<b>C# 12.0</b>	.NET 8 (LTS)	Nov 2023	Primary constructors, collection expressions, default lambda parameters, using aliases for any type
<b>C# 13.0</b>	.NET 9 (STS)	Nov 2024 (Projected)	New features in development
<b>C# 14.0</b>	.NET 10 (LTS)	Nov 2025 (Projected)	Future enhancements