

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

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