FORMAT (Number)

F -> if Something\_Number = 1234.3478

ex: |||Something\_Number FORMAT F||| -> 1234.35

ex : |||Something\_Number FORMAT F3||| -> 1234.348

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| --- | --- | --- | --- |
| **Format specifier** | **Name** | **Description** | **Examples** |
| "C" or "c" | Currency | Result: A currency value.  Supported by: All numeric types.  Precision specifier: Number of decimal digits.  Default precision specifier: Defined by[NumberFormatInfo.CurrencyDecimalDigits](https://msdn.microsoft.com/en-us/library/system.globalization.numberformatinfo.currencydecimaldigits(v=vs.110).aspx).  More information: [The Currency ("C") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#CFormatString). | 123.456 ("C", en-US) -> $123.46  123.456 ("C", fr-FR) -> 123,46 €  123.456 ("C", ja-JP) -> ¥123  -123.456 ("C3", en-US) -> ($123.456)  -123.456 ("C3", fr-FR) -> -123,456 €  -123.456 ("C3", ja-JP) -> -¥123.456 |
| "D" or "d" | Decimal | Result: Integer digits with optional negative sign.  Supported by: Integral types only.  Precision specifier: Minimum number of digits.  Default precision specifier: Minimum number of digits required.  More information: [The Decimal("D") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#DFormatString). | 1234 ("D") -> 1234  -1234 ("D6") -> -001234 |
| "E" or "e" | Exponential (scientific) | Result: Exponential notation.  Supported by: All numeric types.  Precision specifier: Number of decimal digits.  Default precision specifier: 6.  More information: [The Exponential ("E") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#EFormatString). | 1052.0329112756 ("E", en-US) -> 1.052033E+003  1052.0329112756 ("e", fr-FR) -> 1,052033e+003  -1052.0329112756 ("e2", en-US) -> -1.05e+003  -1052.0329112756 ("E2", fr\_FR) -> -1,05E+003 |
| "F" or "f" | Fixed-point | Result: Integral and decimal digits with optional negative sign.  Supported by: All numeric types.  Precision specifier: Number of decimal digits.  Default precision specifier: Defined by[NumberFormatInfo.NumberDecimalDigits](https://msdn.microsoft.com/en-us/library/system.globalization.numberformatinfo.numberdecimaldigits(v=vs.110).aspx).  More information: [The Fixed-Point ("F") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#FFormatString). | 1234.567 ("F", en-US) -> 1234.57  1234.567 ("F", de-DE) -> 1234,57  1234 ("F1", en-US) -> 1234.0  1234 ("F1", de-DE) -> 1234,0  -1234.56 ("F4", en-US) -> -1234.5600  -1234.56 ("F4", de-DE) -> -1234,5600 |
| "G" or "g" | General | Result: The more compact of either fixed-point or scientific notation.  Supported by: All numeric types.  Precision specifier: Number of significant digits.  Default precision specifier: Depends on numeric type.  More information: [The General ("G") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#GFormatString). | -123.456 ("G", en-US) -> -123.456  -123.456 ("G", sv-SE) -> -123,456  123.4546 ("G4", en-US) -> 123.5  123.4546 ("G4", sv-SE) -> 123,5  -1.234567890e-25 ("G", en-US) -> -1.23456789E-25  -1.234567890e-25 ("G", sv-SE) -> -1,23456789E-25 |
| "N" or "n" | Number | Result: Integral and decimal digits, group separators, and a decimal separator with optional negative sign.  Supported by: All numeric types.  Precision specifier: Desired number of decimal places.  Default precision specifier: Defined by[NumberFormatInfo.NumberDecimalDigits](https://msdn.microsoft.com/en-us/library/system.globalization.numberformatinfo.numberdecimaldigits(v=vs.110).aspx).  More information: [The Numeric ("N") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#NFormatString). | 1234.567 ("N", en-US) -> 1,234.57  1234.567 ("N", ru-RU) -> 1 234,57  1234 ("N1", en-US) -> 1,234.0  1234 ("N1", ru-RU) -> 1 234,0  -1234.56 ("N3", en-US) -> -1,234.560  -1234.56 ("N3", ru-RU) -> -1 234,560 |
| "P" or "p" | Percent | Result: Number multiplied by 100 and displayed with a percent symbol.  Supported by: All numeric types.  Precision specifier: Desired number of decimal places.  Default precision specifier: Defined by[NumberFormatInfo.PercentDecimalDigits](https://msdn.microsoft.com/en-us/library/system.globalization.numberformatinfo.percentdecimaldigits(v=vs.110).aspx).  More information: [The Percent ("P") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#PFormatString). | 1 ("P", en-US) -> 100.00 %  1 ("P", fr-FR) -> 100,00 %  -0.39678 ("P1", en-US) -> -39.7 %  -0.39678 ("P1", fr-FR) -> -39,7 % |
| "R" or "r" | Round-trip | Result: A string that can round-trip to an identical number.  Supported by: [Single](https://msdn.microsoft.com/en-us/library/system.single(v=vs.110).aspx), [Double](https://msdn.microsoft.com/en-us/library/system.double(v=vs.110).aspx), and [BigInteger](https://msdn.microsoft.com/en-us/library/system.numerics.biginteger(v=vs.110).aspx).  Precision specifier: Ignored.  More information: [The Round-trip ("R") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#RFormatString). | 123456789.12345678 ("R") -> 123456789.12345678  -1234567890.12345678 ("R") -> -1234567890.1234567 |
| "X" or "x" | Hexadecimal | Result: A hexadecimal string.  Supported by: Integral types only.  Precision specifier: Number of digits in the result string.  More information: [The HexaDecimal ("X") Format Specifier](https://msdn.microsoft.com/en-us/library/dwhawy9k(v=vs.110).aspx#XFormatString). | 255 ("X") -> FF  -1 ("x") -> ff  255 ("x4") -> 00ff  -1 ("X4") -> 00FF |
| Any other single character | Unknown specifier | Result: Throws a [FormatException](https://msdn.microsoft.com/en-us/library/system.formatexception(v=vs.110).aspx) at run time. |  |