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| --- | --- | --- |
| **Type** | **Range** | **Size** |
| [sbyte](http://msdn.microsoft.com/en-us/library/d86he86x(v=vs.110).aspx) | -128 to 127 | Signed 8-bit integer |
| [byte](http://msdn.microsoft.com/en-us/library/5bdb6693(v=vs.110).aspx) | 0 to 255 | Unsigned 8-bit integer |
| [char](http://msdn.microsoft.com/en-us/library/x9h8tsay(v=vs.110).aspx) | U+0000 to U+ffff | Unicode 16-bit character |
| [short](http://msdn.microsoft.com/en-us/library/ybs77ex4(v=vs.110).aspx) | -32,768 to 32,767 | Signed 16-bit integer |
| [ushort](http://msdn.microsoft.com/en-us/library/cbf1574z(v=vs.110).aspx) | 0 to 65,535 | Unsigned 16-bit integer |
| [int](http://msdn.microsoft.com/en-us/library/5kzh1b5w(v=vs.110).aspx) | -2,147,483,648 to 2,147,483,647 | Signed 32-bit integer |
| [uint](http://msdn.microsoft.com/en-us/library/x0sksh43(v=vs.110).aspx) | 0 to 4,294,967,295 | Unsigned 32-bit integer |
| [long](http://msdn.microsoft.com/en-us/library/ctetwysk(v=vs.110).aspx) | -9,223,372,036,854,775,808 to 9,223,372,036,854,775,807 | Signed 64-bit integer |
| [ulong](http://msdn.microsoft.com/en-us/library/t98873t4(v=vs.110).aspx) | 0 to 18,446,744,073,709,551,615 | Unsigned 64-bit integer |