

## How to decode upc a barcode with barcode reader sdk in C# and ByteScout Barcode Suite

Step-by-step tutorial on how to decode upc a barcode with barcode reader sdk in C#

Every ByteScout tool includes simple example C# source codes that you can get here or in the folder with installed ByteScout product. ByteScout Barcode Suite is the set that includes three different SDK products to generate barcodes, read barcodes and read and write spreadsheets: Barcode SDK, Barcode Reader SDK and Spreadsheet SDK. It can decode upc a barcode with barcode reader sdk in C#.

Want to quickly learn? This fast application programming interfaces of ByteScout Barcode Suite for C# plus the guidelines and the code below will help you quickly learn how to decode upc a barcode with barcode reader sdk. IF you want to implement the functionality, just copy and paste this code for C# below into your code editor with your app, compile and run your application. This basic programming language sample code for C# will do the whole work for you to decode upc a barcode with barcode reader sdk.

The trial version of ByteScout Barcode Suite can be downloaded for free from our website. It also includes source code samples for C# and other programming languages.

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Source Code Files:

```
using System;
using System.IO;
using Bytescout.BarCodeReader;

namespace ReadUPCA
{
    class Program
    {
        const string ImageFile = "UPCA.png";

        static void Main()
        {
            Console.WriteLine("Reading barcode(s) from image {0}", Path.GetFullPath(ImageFile));

            Reader reader = new Reader();
            reader.RegistrationName = "demo";
            reader.RegistrationKey = "demo";

            // Set barcode type to find
            reader.BarcodeTypesToFind.UPCA = true;

            /* -----
            NOTE: We can read barcodes from specific page to increase performance.
            For sample please refer to "Decoding barcodes from PDF by pages" program.
            ----- */

            // Read barcodes
            FoundBarcode[] barcodes = reader.ReadFrom(ImageFile);

            foreach (FoundBarcode barcode in barcodes)
            {
                Console.WriteLine("Found barcode with type '{0}' and value '{1}'", barcode.Type, barcode.Value);
            }

            // Cleanup
            reader.Dispose();

            Console.WriteLine("Press any key to exit..");
            Console.ReadKey();
        }
    }
}
```

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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