

How to generate barcode with webimage control in c# in ASP.NET with ByteScout Barcode SDK

This tutorial will show how to generate barcode with webimage control in c# in ASP.NET

Learn how to generate barcode with webimage control in c# in ASP.NET with this source code sample. ByteScout Barcode SDK is the robust library (Software Development Kit) that is designed for automatic generation of high-quality barcodes for printing, electronic documents and pdf. All popular barcode types are supported from Code 39 and Code 129 to QR Code, UPC, GS1, GS-128, Datamatrix, PDF417, Maxicode and many others. Provides support for full customization of fonts, colors, output and printing sizes. Special tools are included to verify output quality and printing quality. Can add generated barcode into new or existing documents, images and PDF and you can use it to generate barcode with webimage control in c# with ASP.NET.

ASP.NET code samples for ASP.NET developers help to speed up coding of your application when using ByteScout Barcode SDK. In your ASP.NET project or application you may simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample codes in ASP.NET.

Our website provides trial version of ByteScout Barcode SDK for free. It also includes documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Barcode SDK](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Barcode SDK](#)

[Get Free API key for Web API](#)

[visit www.Bytescout.com](http://www.Bytescout.com)

Source Code Files:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="B

<%@ Register Assembly="Bytescout.BarCode" Namespace="Bytescout.BarCode" TagPrefix="cc1
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xl
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>BarcodeWebImage test page</title>
</head>
<body>
    <form id="form1" runat="server">
    <div>
        <cc1:BarcodeWebImage ID="BarcodeWebImage1" runat="server" RenderingHint="System
            SmoothingMode="Default" Value="DATA" ForeColor="Black" HorizontalAlignment=
            Angle="Degrees0" CaptionPosition="Below" NarrowBarWidth="3" VerticalAlignme
            AddChecksum="False" AddChecksumToCaption="False" AdditionalCaptionPosition=
            AdditionalCaptionFont="Arial, 13pt" BackColor="White" BarHeight="50" Capti
            DrawCaption="True" WideToNarrowRatio="3" Symbology="Code128" AdditionalCap
        </cc1:BarcodeWebImage>
        <br />
        <br />
        If you are using web control in new application you do need to modify the <strong>
        </strong>file in your application's virtual directory (or C:\Inetpub\wwwro
        if you don't have a separate application):<br />
        <br />
        For Visual Studio 2005 - 2010 insert the following lines into <strong>&lt;system
        section of <strong>Web.config</strong>:
        <br />
        <div class="code">
            <span codelanguage="other"><em>
                <br />
                &lt;httpHandlers&gt;<br />
                &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &lt;add verb="
                type="Bytescout.BarCode.BarcodeHandler, Bytescout.BarCode"/&gt;<br />
                &lt;/httpHandlers&gt;</em><br />
            </span>
        </div>
        <br />
        For Visual Studio 2012 and later insert the following lines into <strong>&lt;system
        section of <strong>Web.config</strong>:
        <br />
        <div class="code">
            <span codelanguage="other"><em>
                <br />
                &lt;httpHandlers&gt;<br />
                &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &lt;add verb="
                type="Bytescout.BarCode.BarcodeHandler, Bytescout.BarCode"/&gt;<br />
                &lt;/httpHandlers&gt;<br />
                &lt;validation validateIntegratedModeConfiguration="false"/&gt;</em><br
            </span>
        </div>
        </div>
    </form>
</body>
```

```
</html>
```

Default.aspx.cs

```
using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;

namespace BarcodeWebImageTester
{
    public partial class _Default : System.Web.UI.Page
    {
        /*
        IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:

        Temporary folder access is required for web application when you use ByteScout
        If you are getting errors related to the access to temporary folder like "Access
        denied" or "Access to the path is denied"

        SOLUTION:

        If your IIS Application Pool has "Load User Profile" option enabled the IIS pro
        cess runs under the user profile of the user who created the application pool.
        If you are running Web Application under an impersonated account or IIS_IUSRS g
        roup, you need to grant permissions to the user or group.

        In this case
        - check the User or User Group your web application is running under
        - then add permissions for this User or User Group to read and write into that
        - restart your web application and try again

        */

        protected void Page_Load(object sender, EventArgs e)
        {

        }
    }
}
```

Default.aspx.designer.cs

```
//-----  
// <auto-generated>  
//     This code was generated by a tool.  
//     Runtime Version:2.0.50727.7905  
//  
//     Changes to this file may cause incorrect behavior and will be lost if  
//     the code is regenerated.  
// </auto-generated>  
//-----  
  
namespace BarcodeWebImageTester {  
  
    /// <summary>  
    /// _Default class.  
    /// </summary>  
    /// <remarks>  
    /// Auto-generated class.  
    /// </remarks>  
    public partial class _Default {  
  
        /// <summary>  
        /// form1 control.  
        /// </summary>  
        /// <remarks>  
        /// Auto-generated field.  
        /// To modify move field declaration from designer file to code-behind file.  
        /// </remarks>  
        protected global::System.Web.UI.HtmlControls.HtmlForm form1;  
  
        /// <summary>  
        /// BarcodeWebImage1 control.  
        /// </summary>  
        /// <remarks>  
        /// Auto-generated field.  
        /// To modify move field declaration from designer file to code-behind file.  
        /// </remarks>  
        protected global::Bytescout.BarCode.BarcodeWebImage BarcodeWebImage1;  
    }  
}
```

Web.config

```

<?xml version="1.0"?>
<configuration>

  <appSettings/>
  <connectionStrings/>

  <system.web>

    <httpHandlers>
      <add verb="*" path="BarcodeHandler.aspx" type="Bytescout.BarCode.BarcodeHandler,
    </httpHandlers>

    <!--
      Set compilation debug="true" to insert debugging
      symbols into the compiled page. Because this
      affects performance, set this value to true only
      during development.
    -->
    <compilation debug="true">
      <assemblies>
        <add assembly="System.Windows.Forms, Version=2.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35,
        <add assembly="System.Design, Version=2.0.0.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35,
      </assemblies>
    </compilation>
    <!--
      The <authentication> section enables configuration
      of the security authentication mode used by
      ASP.NET to identify an incoming user.
    -->
    <authentication mode="Windows"/>
    <!--
      The <customErrors> section enables configuration
      of what to do if/when an unhandled error occurs
      during the execution of a request. Specifically,
      it enables developers to configure html error pages
      to be displayed in place of a error stack trace.

      <customErrors mode="RemoteOnly" defaultRedirect="GenericErrorPage.htm">
        <error statusCode="403" redirect="NoAccess.htm" />
        <error statusCode="404" redirect="FileNotFound.htm" />
      </customErrors>
    -->
  </system.web>
  <system.webServer>

    <handlers>
      <add name="BarcodeHandler" verb="*" path="BarcodeHandler.aspx" type="Bytescout.BarCode.BarcodeHandler,
    </handlers>
    <validation validateIntegratedModeConfiguration="false"/>

  </system.webServer>
</configuration>

```

VIDEO

<https://www.youtube.com/watch?v=REnj3A-oSPI>

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Barcode SDK Home Page](#)

[Explore ByteScout Barcode SDK Documentation](#)

[Explore Samples](#)

[Sign Up for ByteScout Barcode SDK Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)

[Explore Web API Docs](#)

[Explore Web API Samples](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

[visit www.PDF.co](http://www.PDF.co)

www.bytescout.com