

How to generate barcode in webimage control in VB in ASP.NET and ByteScout Barcode SDK

This tutorial will show how to generate barcode in webimage control in VB in ASP.NET

On this page you will learn from code samples for programming in ASP.NET. Writing of the code to generate barcode in webimage control in VB in ASP.NET can be done by developers of any level using ByteScout Barcode SDK. Want to generate barcode in webimage control in VB in your ASP.NET app? ByteScout Barcode SDK is designed for it. ByteScout Barcode SDK is the robust SDK that generates high quality barcode images and pdf. Can generate all popular types of barcodes from QR Code, Code 39, Code 128, UPC, GS1, GS-128, PDF417, Datamatrix to more exotic barcode types. Fully customizable fonts, colors, print sizes. Includes special functions to ensure output quality, and tools for adding barcodes to new or existing pdf files and images.

This code snippet below for ByteScout Barcode SDK works best when you need to quickly generate barcode in webimage control in VB in your ASP.NET application. In order to implement the functionality, you should copy and paste this code for ASP.NET below into your code editor with your app, compile and run your application. Use of ByteScout Barcode SDK in ASP.NET is also explained in the documentation included along with the product.

You can download free trial version of ByteScout Barcode SDK from our website to see and try many others source code samples for ASP.NET.

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Source Code Files:


```
</div>
</form>
</body>
</html>
```

Default.aspx.designer.vb

```
'-----
' <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>
'-----

Option Strict Off
Option Explicit On

'''<summary>
'''_Default class.
'''</summary>
'''<remarks>
'''Auto-generated class.
'''</remarks>
Partial Public Class _Default

    '''<summary>
    '''form1 control.
    '''</summary>
    '''<remarks>
    '''Auto-generated field.
    '''To modify move field declaration from designer file to code-behind file.
    '''</remarks>
    Protected WithEvents form1 As Global.System.Web.UI.HtmlControls.HtmlForm

    '''<summary>
    '''BarcodeWebImage1 control.
    '''</summary>
    '''<remarks>
    '''Auto-generated field.
    '''To modify move field declaration from designer file to code-behind file.
    '''</remarks>
    Protected WithEvents BarcodeWebImage1 As Global.Bytescout.BarCode.BarcodeWebImage
End Class
```

Default.aspx.vb

```
Partial Public Class _Default
    Inherits System.Web.UI.Page

    ' IF YOU SEE TEMPORARY FOLDER ACCESS ERRORS:

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

    ' SOLUTION:

    ' If your IIS Application Pool has "Load User Profile" option enabled the IIS prov
    ' If you are running Web Application under an impersonated account or IIS_IUSRS gro

    ' 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 te
    ' - restart your web application and try again

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handle

    End Sub

End Class
```

Web.config

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

    <appSettings/>
    <connectionStrings/>

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

Visual Basic options:

Set strict="true" to disallow all data type conversions where data loss can occur.

Set explicit="true" to force declaration of all variables.

-->

```
<compilation debug="true" strict="false" explicit="true">
  <assemblies>
    <add assembly="System.Windows.Forms, Version=2.0.0.0, Culture=neutral,
    <add assembly="System.Design, Version=2.0.0.0, Culture=neutral, Public
  </assemblies>
</compilation>
```

```
<pages>
```

```
  <namespaces>
```

```
    <clear/>
```

```
    <add namespace="System"/>
```

```
    <add namespace="System.Collections"/>
```

```
    <add namespace="System.Collections.Specialized"/>
```

```
    <add namespace="System.Configuration"/>
```

```
    <add namespace="System.Text"/>
```

```
    <add namespace="System.Text.RegularExpressions"/>
```

```
    <add namespace="System.Web"/>
```

```
    <add namespace="System.Web.Caching"/>
```

```
    <add namespace="System.Web.SessionState"/>
```

```
    <add namespace="System.Web.Security"/>
```

```
    <add namespace="System.Web.Profile"/>
```

```
    <add namespace="System.Web.UI"/>
```

```
    <add namespace="System.Web.UI.WebControls"/>
```

```
    <add namespace="System.Web.UI.WebControls.WebParts"/>
```

```
    <add namespace="System.Web.UI.HtmlControls"/>
```

```
  </namespaces>
```

```
</pages>
```

```
<!--
```

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="Bytes
```

```
  </handlers>
```

```
<validation validateIntegratedModeConfiguration="false"/>
```

```
</system.webServer>  
</configuration>
```

VIDEO

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

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