

## How to make thumbnail image from PDF in VB.NET and ByteScout PDF Renderer SDK

How to code in VB.NET to make thumbnail image from PDF with this step-by-step tutorial

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. Want to make thumbnail image from PDF in your VB.NET app? ByteScout PDF Renderer SDK is designed for it. ByteScout PDF Renderer SDK is the library that renders PDF into high quality images and thumbnails. Includes various functions like batch processing, PNG, TIFF output. Can be used from web and desktop applications.

This rich sample source code in VB.NET for ByteScout PDF Renderer SDK includes the number of functions and options you should do calling the API to make thumbnail image from PDF. Follow the instructions from the scratch to work and copy the VB.NET code. Enjoy writing a code with ready-to-use sample codes in VB.NET.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

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Source Code Files:

```
Imports System.Drawing
Imports Bytescout.PDFRenderer

Module Module1

    Sub Main()

        ' Create an instance of Bytescout.PDFRenderer.RasterRenderer object and register
        Dim renderer As New RasterRenderer()
        renderer.RegistrationName = "demo"
        renderer.RegistrationKey = "demo"

        ' Load PDF document
        renderer.LoadDocumentFromFile("multipage.pdf")

        ' Get size of the page in Points (standard PDF document units; 1 Point = 1/72")
        Dim rectangle As RectangleF = renderer.GetPageRectangle(0)

        Dim width, height As Integer

        If rectangle.Width < rectangle.Height Then ' portrait page orientation

            width = -1 ' width will be calculated from height keeping the aspect ratio
            height = 100

        Else ' landscape page orientation

            width = 100
            height = -1 ' height will be calculated from width keeping the aspect ratio

        End If

        ' Render first page of the document to JPEG image file
        renderer.Save("thumbnail.jpg", RasterImageFormat.JPEG, 0, width, height)

        ' Cleanup
        renderer.Dispose()

        ' Open the output image file in default image viewer
        System.Diagnostics.Process.Start("thumbnail.jpg")

    End Sub

End Module
```

VIDEO

<https://www.youtube.com/watch?v=eenhl7106lA>

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