

How to draw with blend mode in PDF in VB.NET with ByteScout PDF SDK

The tutorial shows how to draw with blend mode in PDF in VB.NET

Source code documentation samples provide quick and easy way to add a required functionality into your application. ByteScout PDF SDK can draw with blend mode in PDF. It can be used from VB.NET. ByteScout PDF SDK is the pdf library that can create, update and modify PDF files. Supports text with fonts and style selections, layers, form fields, drawing lines and objects, automatic tables, images. Can be used to create and fill pdf forms.

Fast application programming interfaces of ByteScout PDF SDK for VB.NET plus the instruction and the code below will help you quickly learn how to draw with blend mode in PDF. This VB.NET sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Implementing VB.NET application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

Trial version of ByteScout PDF SDK can be downloaded for free from our website. It also includes source code samples for VB.NET and other programming languages.

VB.NET - Program.vb

```
Imports Bytescout.PDF

'''

''' This example demonstrates how to use blend modes - a way how
''' intersecting semi-transparent objects will blend on page canvas.
'''

Class Program

    Shared Sub Main()

        ' Create new document
        Dim pdfDocument = New Document()
        pdfDocument.RegistrationName = "demo"
        pdfDocument.RegistrationKey = "demo"

        ' Add page
        Dim page = New Page(PaperFormat.A4)
        pdfDocument.Pages.Add(page)

        Dim canvas = page.Canvas

        ' Create transparent brushes
```

```
Dim brushRed = New SolidBrush(New ColorRGB(255, 0, 0))
brushRed.Opacity = 50
Dim brushGreen = New SolidBrush(New ColorRGB(0, 255, 0))
brushGreen.Opacity = 50
Dim brushBlue = New SolidBrush(New ColorRGB(0, 0, 255))
brushBlue.Opacity = 50

' Normal blending
canvas.BlendMode = BlendMode.Normal
canvas.DrawCircle(brushRed, 100, 100, 50)
canvas.DrawCircle(brushGreen, 100, 150, 50)
canvas.DrawCircle(brushBlue, 150, 100, 50)

' Darken blending
canvas.BlendMode = BlendMode.Darken
canvas.DrawCircle(brushRed, 300, 100, 50)
canvas.DrawCircle(brushGreen, 300, 150, 50)
canvas.DrawCircle(brushBlue, 350, 100, 50)

' Lighten blending
canvas.BlendMode = BlendMode.Lighten
canvas.DrawCircle(brushRed, 100, 300, 50)
canvas.DrawCircle(brushGreen, 100, 350, 50)
canvas.DrawCircle(brushBlue, 150, 300, 50)

' Color burn blending
canvas.BlendMode = BlendMode.ColorBurn
canvas.DrawCircle(brushRed, 300, 300, 50)
canvas.DrawCircle(brushGreen, 300, 350, 50)
canvas.DrawCircle(brushBlue, 350, 300, 50)

' Save document to file
pdfDocument.Save("result.pdf")

' Cleanup
pdfDocument.Dispose()

' Open document in default PDF viewer app
Process.Start("result.pdf")

End Sub

End Class
```

FOR MORE INFORMATION AND FREE TRIAL:

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