

How to set blend mode for drawing in pdf with pdf sdk in C# with ByteScout Premium Suite

How to write a robust code in C# to set blend mode for drawing in pdf with pdf sdk with this step-by-step tutorial

Every ByteScout tool includes simple example C# source codes that you can get here or in the folder with installed ByteScout product. Want to set blend mode for drawing in pdf with pdf sdk in your C# app? ByteScout Premium Suite is designed for it. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

Want to save time? You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout Premium Suite for set blend mode for drawing in pdf with pdf sdk below and use it in your application. 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. Enjoy writing a code with ready-to-use sample codes in C#.

ByteScout Premium Suite free trial version is available on our website. C# and other programming languages are supported.

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Source Code Files:

```
using System.Diagnostics;
using Bytescout.PDF;

namespace BlendModeExample
{
    /// <summary>
    /// This example demonstrates how to use blend modes - a way how
    /// intersecting semi-transparent objects will blend on page canvas.
    /// </summary>
    class Program
    {
        static void Main()
        {
            // Create new document
            Document pdfDocument = new Document();
            pdfDocument.RegistrationName = "demo";
            pdfDocument.RegistrationKey = "demo";
            // Add page
            Page page = new Page(PaperFormat.A4);
            pdfDocument.Pages.Add(page);

            Canvas canvas = page.Canvas;

            // Create transparent brushes
            SolidBrush brushRed = new SolidBrush(new ColorRGB(255, 0, 0));
            brushRed.Opacity = 50;
            SolidBrush brushGreen = new SolidBrush(new ColorRGB(0, 255, 0));
            brushGreen.Opacity = 50;
            SolidBrush 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 result document in default associated application (for demo purposes)
        ProcessStartInfo processStartInfo = new ProcessStartInfo("result.pdf");
        processStartInfo.UseShellExecute = true;
        Process.Start(processStartInfo);
    }
}
```

VIDEO

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

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