

How to draw with transparency in PDF in C# and ByteScout PDF SDK

How to draw with transparency in PDF in C#

With this source code sample you may quickly learn how to draw with transparency in PDF in C#. 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. It can draw with transparency in PDF in C#.

C# code samples for C# developers help to speed up coding of your application when using ByteScout PDF SDK. In your C# project or application you may simply copy & paste the code and then run your app! You can use these C# sample examples in one or many applications.

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C# - Program.cs

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

namespace Transparency
{
    ///
    /// This example demonstrates how to draw transparent objects.
    ///

    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;

            // Prepare pens and brushes
            Pen borderPen = new SolidPen(new ColorRGB(0, 0, 0), 2f);
```

```
SolidBrush brush1 = new SolidBrush(new ColorRGB(255, 0, 0));
SolidBrush brush2 = new SolidBrush(new ColorRGB(0, 0, 255));

borderPen.Opacity = 50;
brush1.Opacity = 30;
brush2.Opacity = 60;

// Draw normal rectangles
canvas.DrawRectangle(brush1, 100, 100, 100, 100);
canvas.DrawRectangle(borderPen, brush2, 150, 150, 100, 100);

borderPen.Opacity = 80;
brush1.Opacity = 60;
brush2.Opacity = 30;

// Draw rounded rectangles
canvas.DrawRoundedRectangle(brush1, 220, 100, 100, 100, 10);
canvas.DrawRoundedRectangle(borderPen, brush2, 270, 150, 100, 100, 10);

// Save document to file
pdfDocument.Save("result.pdf");

// Cleanup
pdfDocument.Dispose();

// Open result document in default associated application (for demo
purpose)
ProcessStartInfo processStartInfo = new ProcessStartInfo("result.pdf");
processStartInfo.UseShellExecute = true;
Process.Start(processStartInfo);
    }
}
}
```

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