

How to draw with transparency in pdf with pdf sdk in C# and ByteScout PDF Suite

Learn to draw with transparency in pdf with pdf sdk in C#

These sample source codes on this page below are displaying how to draw with transparency in pdf with pdf sdk in C#. Want to draw with transparency in pdf with pdf sdk in your C# app? ByteScout PDF Suite is designed for it. ByteScout PDF Suite is the set that includes 6 SDK products to work with PDF from generating rich PDF reports to extracting data from PDF documents and converting them to HTML. This bundle includes PDF (Generator) SDK, PDF Renderer SDK, PDF Extractor SDK, PDF to HTML SDK, PDF Viewer SDK and PDF Generator SDK for Javascript.

These C# code samples for C# guide developers to speed up coding of the application when using ByteScout PDF Suite. This C# 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! Applying C# application mostly includes various stages of the software development so even if the functionality works please test it with your data and the production environment.

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Source Code Files:

```
using System.Diagnostics;
using Bytestcout.PDF;

namespace Transparency
{
    /// <summary>
    /// This example demonstrates how to draw transparent objects.
    /// </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;

            // 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 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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