

# How to add watermarks to PDF in C# using ByteScout PDF SDK

## How to add watermarks to PDF in C#

The sample source code below will teach you how to add watermarks to PDF in C#. What is ByteScout PDF SDK? It 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 help you to add watermarks to PDF in your C# application.

The SDK samples like this one below explain how to quickly make your application do add watermarks to PDF in C# with the help of ByteScout PDF SDK. Follow the instructions from the scratch to work and copy the C# code. Enjoy writing a code with ready-to-use sample codes in C#.

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

C# - Program.cs

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

namespace Watermarks
{
    ///
    /// This example demonstrates how add text watermark to document page.
    ///

    class Program
    {
        static void Main()
        {
            // Create new document
            Document pdfDocument = new Document();
            pdfDocument.RegistrationName = "demo";
            pdfDocument.RegistrationKey = "demo";
            // Add pages
            pdfDocument.Pages.Add(new Page(PaperFormat.A4));
            pdfDocument.Pages.Add(new Page(PaperFormat.A4));
            pdfDocument.Pages.Add(new Page(PaperFormat.A4));

            // Add tiling watermark
            TextWatermark watermark1 = new TextWatermark("Tiling Watermark");
            watermark1.WatermarkLocation = TextWatermarkLocation.Tiled;
            watermark1.Angle = 30;
        }
    }
}
```

```

SolidBrush brush1 = new SolidBrush(new ColorRGB(0, 0, 255));
brush1.Opacity = 50; // make the brush semitransparent
watermark1.Brush = brush1;
pdfDocument.Watermarks.Add(watermark1);

// Add autosized watermark to every page of the document
TextWatermark watermark2 = new TextWatermark("Diagonal Watermark");
watermark2.WatermarkLocation =
TextWatermarkLocation.DiagonalFromBottomLeftToTopRight;
watermark2.Font = new Font("Times New Roman", 16);
SolidBrush brush2 = new SolidBrush(new ColorRGB(255, 0, 0));
brush2.Opacity = 50; // make the brush semitransparent
watermark2.Brush = brush2;
watermark2.Pen = new SolidPen(new ColorRGB(255, 0, 0)); // outline pen is
optional
pdfDocument.Watermarks.Add(watermark2);

// Add watermark of custom size and location to the first page only
TextWatermark watermark3 = new TextWatermark("Simple Watermark");
watermark3.Font = new Font(StandardFonts.HelveticaBold, 24);
watermark3.Brush = new SolidBrush(new ColorRGB(0, 128, 0));
watermark3.Left = 350;
watermark3.Top = 800;
pdfDocument.Pages[0].Watermarks.Add(watermark3);

// 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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