

# How to convert PDF to TIFF from uploaded file for PDF to image API in C# using PDF.co Web API

How to convert PDF to TIFF from uploaded file in C# with easy ByteScout code samples to make PDF to image API. Step-by-step tutorial

The sample source codes on this page will demonstrate you how to make PDF to image API in C#. PDF.co Web API was made to help with PDF to image API in C#. PDF.co Web API is the flexible Web API that includes full set of functions from e-signature requests to data extraction, OCR, images recognition, pdf splitting and pdf splitting. Can also generate barcodes and read barcodes from images, scans and pdf.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. Open your C# project and simply copy & paste the code and then run your app! Enjoy writing a code with ready-to-use sample C# codes to implement PDF to image API using PDF.co Web API.

ByteScout free trial version is available for FREE download from our website. Programming tutorials along with source code samples are included.

C# - Program.cs

```
using System;
using System.IO;
using System.Net;
using Newtonsoft.Json.Linq;

namespace ByteScoutWebApiExample
{
    class Program
    {
        // The authentication key (API Key).
        // Get your own by registering at
        https://app.pdf.co/documentation/api
        const String API_KEY = "*****";

        // Source PDF file
        const string SourceFile = @".\sample.pdf";
        // Comma-separated list of page indices (or ranges) to process. Leave
        empty for all pages. Example: '0,2-5,7-'.
        const string Pages = "";
        // PDF document password. Leave empty for unprotected documents.
        const string Password = "";
        // Destination TIFF file name
        const string DestinationFile = @".\result.tif";

        static void Main(string[] args)
```

```

    {
        // Create standard .NET web client instance
        WebClient webClient = new WebClient();

        // Set API Key
        webClient.Headers.Add("x-api-key", API_KEY);

        // 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
        // * If you already have a direct file URL, skip to the step
3.

        // Prepare URL for `Get Presigned URL` API call
        string query = Uri.EscapeUriString(string.Format(
            "https://api.pdf.co/v1/file/upload/get-presigned-url?
contenttype=application/octet-stream&name={0}",
            Path.GetFileName(SourceFile)));

        try
        {
            // Execute request
            string response = webClient.DownloadString(query);

            // Parse JSON response
            JObject json = JObject.Parse(response);

            if (json["error"].ToObject() == false)
            {
                // Get URL to use for the file upload
                string uploadUrl =
json["presignedUrl"].ToString();

                // Get URL of uploaded file to use with later
API calls
                string uploadedFileUrl =
json["url"].ToString();

                // 2. UPLOAD THE FILE TO CLOUD.

                webClient.Headers.Add("content-type",
"application/octet-stream");
                webClient.UploadFile(uploadUrl, "PUT",
SourceFile); // You can use UploadData() instead if your file is byte[] or Stream

                // 3. CONVERT UPLOADED PDF FILE TO TIFF

                // Prepare URL for `PDF To TIFF` API call
                query = Uri.EscapeUriString(string.Format(
"https://api.pdf.co/v1/pdf/convert/to/tiff?name={0}&password={1}&pages={2}&url={3}",
                    Path.GetFileName(DestinationFile),
                    Password,
                    Pages,
                    uploadedFileUrl));

                // Execute request
                response = webClient.DownloadString(query);

                // Parse JSON response
                json = JObject.Parse(response);

                if (json["error"].ToObject() == false)

```

```

        {
            // Get URL of generated TIFF file
            string resultFileUrl =

            // Download TIFF file
            webClient.DownloadFile(resultFileUrl,
            DestinationFile);

            Console.WriteLine("Generated TIFF
            file saved as \"{0}\" file.", DestinationFile);
        }
        else
        {

            Console.WriteLine(json["message"].ToString());
        }
        else
        {

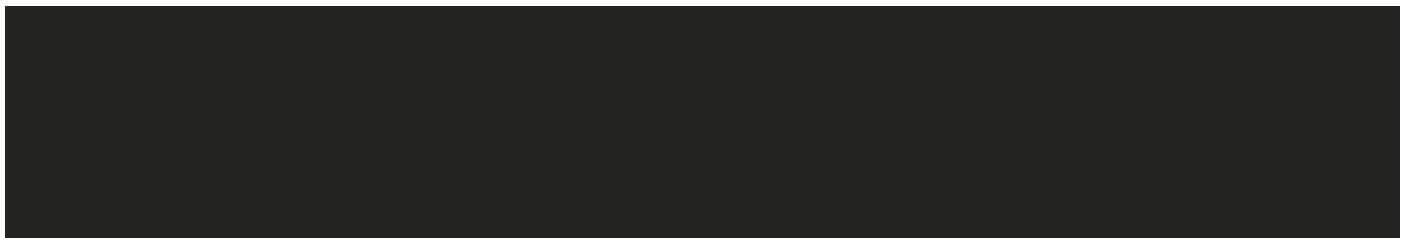
            Console.WriteLine(json["message"].ToString());
        }
        catch (WebException e)
        {
            Console.WriteLine(e.ToString());
        }

        webClient.Dispose();

        Console.WriteLine();
        Console.WriteLine("Press any key...");
        Console.ReadKey();
    }
}
}

```

C# - packages.config



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FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about PDF.co Web API](#)

[Explore documentation](#)

[Visit \[www.ByteScout.com\]\(http://www.ByteScout.com\)](#)

or

[Get Your Free API Key for \[www.PDF.co\]\(http://www.PDF.co\) Web API](#)