



# The C# PDF Library

- # C# HTML to PDF for .NET Core, Standard, & Framework
- # Generate PDFs in C# with HTML, MVC, ASPX, & images
- # 50+ features to read and edit PDFs

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## Examples

[HTML File to PDF](#)
[URL to PDF](#)
[HTML to PDF](#)
[ASPX to PDF](#)
[See All Examples >](#)

## HTML File to PDF

[Run](#)

```
// Install IronPdf with
// Nuget: PM> Install-Package IronPdf
using IronPdf;

// Create a PDF from an existing HTML
using C#
var Renderer = new
IronPdf.HtmlToPdf();
var PDF =
Renderer.Render
HTMLFileAsPdf("
Assets/TestInvoice1.html");
var outputPath
```

Explore the code and [Copy code to clipboard](#) to generate PDFs

## Supported Platforms

Designed for **C#, .NET, VB, ASPX, ASP.NET, MVC, .NET Core**

# When you need your PDF to look like HTML, fast. Licenses from \$399

A C# Library that prioritizes accuracy, ease of use, and speed.

V. 2020.12.2 available now.

## Compatibility

### Languages:

- C#
- VB.NET
- F#

### Platforms:

- .NET Core 2x & 3x
- .NET Standard 2
- .NET Framework 4x

### App Types:

- Console, Web, & Desktop

### OS:

- Microsoft Windows
- Linux (Debian, CentOS, Ubuntu)
- MacOS
- Docker (Windows, Linux, Azure)
- Azure (VPS, Webapps)

### IDEs:

- Microsoft Visual Studio
- JetBrains ReSharper & Rider



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## Generating PDFs

### HTML to PDF:

- HTML File to PDF
- HTML String to PDF
- URL to PDF
- ASPX to PDF
- Razor to PDF
- MVC View to PDF

### Convert Images:

- Image to PDF
- PDF to Image

### Apply Settings:

- Base 64 Encoding
- Base URLs
- Custom File Paths

### Supports:

- Website & System Logins
- Custom User Agents
- Proxies
- Cookies
- HTTP Headers
- Async & Multithreading

## Formatting PDFs

### Use HTML Assets:

- HTML (5 and below)
- CSS (Screen & Print)
- Images (jpg, png, gif, tiff, svg, bmp)
- JavaScript (+ Render Delays)
- Fonts (Web & Icon)

### Set View:

- Responsive Layouts
- Virtual Viewport & Zoom

### Apply Templates:

- Headers & Footers
- Page Numbers

- Page Breaks

#### Apply Page Settings:

- Custom Paper Size
- Orientation & Rotation
- Margins (mm, inch, & zero)
- Color & Grayscale
- Resolution & JPEG Quality

#### International Languages:

- UTF-8 HTML Encoding

## Manipulating PDFs

#### Change Page Structure:

- Merge & Split PDFs
- Add, Copy, & Delete Pages

#### Edit Content:

- Add New HTML Content
- Add Headers & Footers
- Stamp & Watermark
- Backgrounds & Foregrounds
- Add & Edit Annotations
- Outlines & Bookmarks

#### Use Forms:

- Create & Edit PDF Forms
- Fill Existing PDF Forms

#### Apply Document Settings:

- PDF Metadata
- Permissions & Passwords
- Digital Signatures

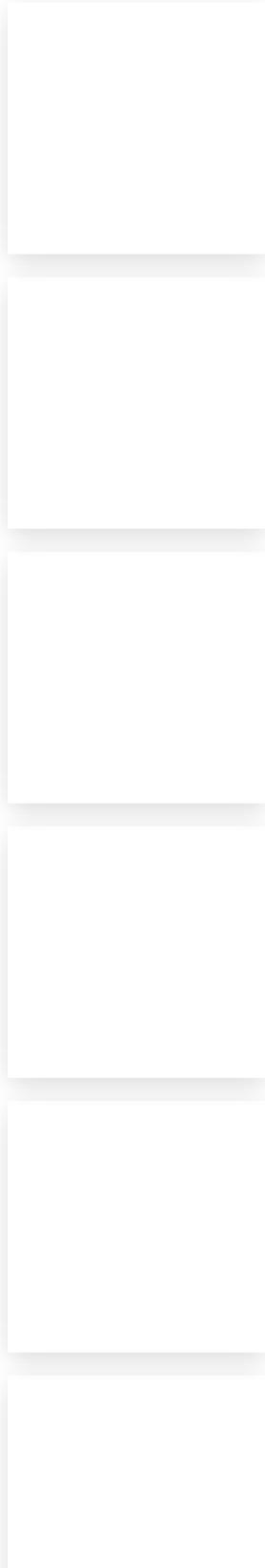
#### Print a PDF:

- Print to a Physical Printer

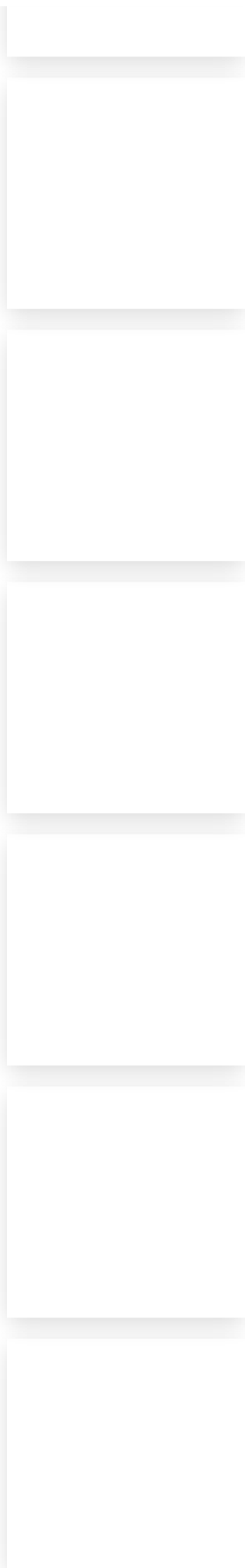
#### Read a PDF:

- Extract Text & Images

# Trusted by Half a Million Engineers Worldwide



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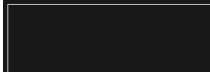


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V. 2021.1 just released

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