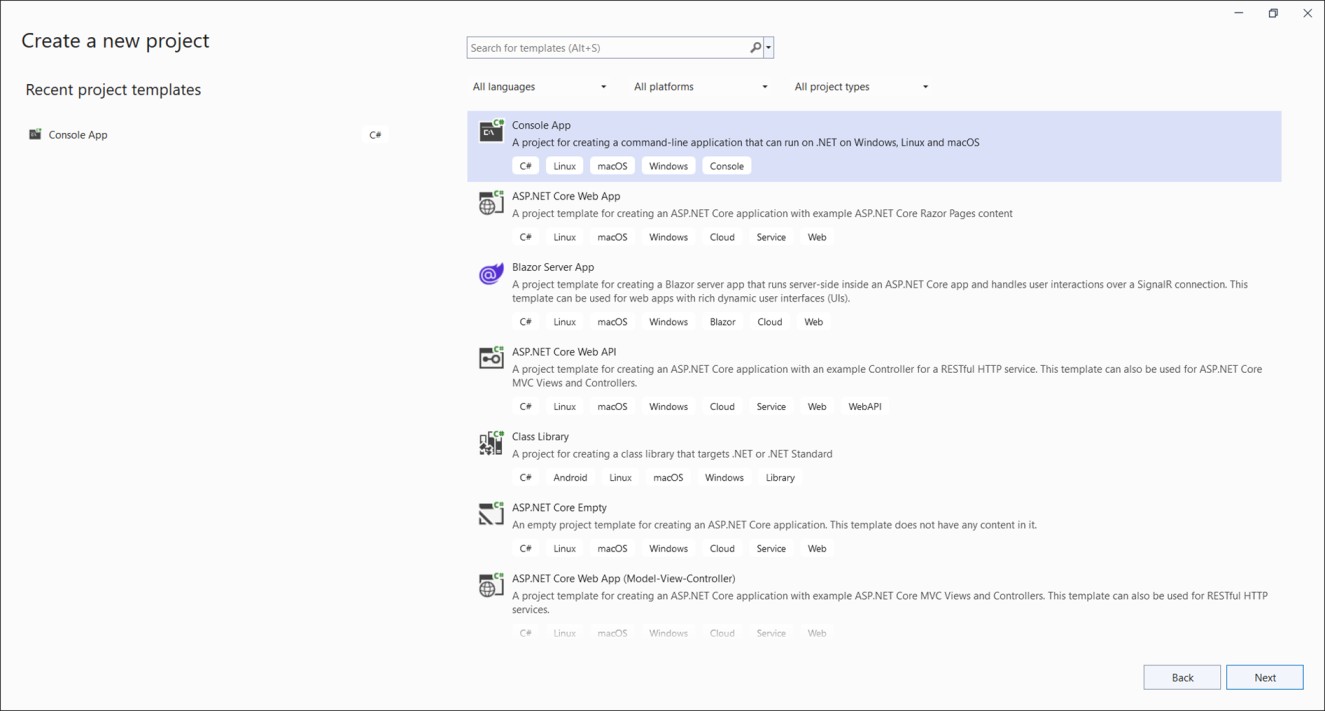
**Convert SVG to PDF Using C# and VB.NET in ASP.NET Core**

The Syncfusion Essential® PDF is a feature-rich and high performance [**.NET PDF library**](https://www.syncfusion.com/document-processing/pdf-framework/net-core) used to create, read, and edit PDF documents programmatically without Adobe dependencies. This guide provides a comprehensive approach to converting SVG files to PDFs using both C# and VB.NET.

**Steps to Convert SVG to PDF Programmatically:**

1**. Create a New Project**: Start a new Console application in .NET Core to facilitate the HTML-to-PDF conversion process. 

2. **Install Required Packages**: Add the [Syncfusion.HtmlToPdfConverter.Net.Windows](https://www.nuget.org/packages/Syncfusion.HtmlToPdfConverter.Net.Windows) NuGet package from [NuGet.org](https://www.nuget.org/) to your project.

A screenshot of a computer

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3. **Set Up Your Environment**: In the **Program.cs** file, include these namespaces.  
**C#**

|  |
| --- |
| using **Syncfusion**.HtmlConverter;  using **Syncfusion**.Pdf; |

[**VB.NET**](http://vb.net/)

|  |
| --- |
| **Imports** Syncfusion.HtmlConverter  **Imports** Syncfusion.Pdf |

4. **Implement Conversion Logic**: Use the following code snippet in **Program.cs** to convert SVG files into PDF documents:

**C#**

|  |
| --- |
| // Initialize HTML to PDF converter  HtmlToPdfConverter htmlConverter = new HtmlToPdfConverter();  string url = Path.GetFullPath(@"Sample.svg");  // Convert a SVG file to PDF with HTML converter  PdfDocument document = htmlConverter.Convert(url);  // Save the PDF document to a memory stream  MemoryStream stream = new MemoryStream();  document.Save(stream);  // Close the document and release all resources  document.Close(true);  // Write the contents of the memory stream to a file  File.WriteAllBytes("SvgToPDF.pdf", stream.ToArray()); |

[**VB.NET**](http://vb.net/)

|  |
| --- |
| ' Initialize HTML to PDF converter  **Dim** htmlConverter **As** New HtmlToPdfConverter()  ' Get the full path of the SVG file  **Dim** url **As** String = Path.GetFullPath("Sample.svg")  ' Convert the SVG file to a PDF document using the HTML converter  **Dim** document **As** PdfDocument = htmlConverter.Convert(url)  ' Create a memory stream to save the PDF document  **Dim** stream **As** New MemoryStream()  ' Save the PDF document to the memory stream  document.Save(stream)  ' Close the PDF document and release all resources  document.Close(True)  ' Write the contents of the memory stream to a PDF file  File.WriteAllBytes("SvgToPDF.pdf", stream.ToArray()) |

A complete working sample can be downloaded from [**SVG\_To\_PDF.zip**](https://www.syncfusion.com/downloads/support/directtrac/general/ze/SVGToPDFSample1920506122.zip)

By executing the program, the output PDF document will be generated as shown below.A graph with a red line

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Take a moment to peruse the [**documentation**](https://help.syncfusion.com/document-processing/pdf/conversions/html-to-pdf/overview), where you'll find additional options such as converting [HTML strings to PDF](where%20you'll%20find%20additional%20options%20such%20as%20converting%20HTML%20strings%20to%20PDF,%20exporting%20partial%20web%20pages%20to%20PDF,%20rendering%20HTML%20to%20a%20single%20PDF%20page,%20and%20performing%20HTML%20to%20PDF%20conversion%20using%20IE%20rendering—complete%20with%20code%20examples.), [exporting partial web pages to PDF](https://help.syncfusion.com/document-processing/pdf/conversions/html-to-pdf/net/features#partial-webpage-to-pdf), [rendering HTML to a single PDF page](https://help.syncfusion.com/document-processing/pdf/conversions/html-to-pdf/net/features#html-to-single-pdf-page), and performing [HTML to PDF conversion using IE rendering](https://help.syncfusion.com/document-processing/pdf/conversions/html-to-pdf/overview#conversion-using-ie-rendering) with code examples.

**Conclusion**  
I hope you enjoyed learning on how to convert SVG to PDF using C#.  
You can refer to our [**ASP.NET Core PDF feature tour**](https://www.syncfusion.com/document-processing/pdf-framework/net-core) page to know about its other groundbreaking feature representations and [**documentation**](https://help.syncfusion.com/document-processing/pdf/pdf-library/net/create-pdf-file-in-asp-net-core), and how to quickly get started for configuration specifications. You can also explore our [**ASP.NET Core PDF example**](https://ej2.syncfusion.com/aspnetcore/PDF/Default#/bootstrap5) to understand how to create and manipulate data.

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