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# How to add pie chart with spreadsheet sdk in VB.NET and ByteScout Barcode Suite

## How to write a robust code in VB.NET to add pie chart with spreadsheet sdk with this step-by-step tutorial

Every ByteScout tool includes simple example VB.NET source codes that you can get here or in the folder with installed ByteScout product. ByteScout Barcode Suite can add pie chart with spreadsheet sdk. It can be applied from VB.NET. ByteScout Barcode Suite is the bundle that privides 3 SDK products to generate barcodes (Barcode SDK), read barcodes (Barcode Reaer SDK) and read and write spreadsheets (Spreadsheet SDK).

Want to quickly learn? This fast application programming interfaces of ByteScout Barcode Suite for VB.NET plus the guidelines and the code below will help you quickly learn how to add pie chart with spreadsheet sdk. This VB.NET 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! If you want to use these VB.NET sample examples in one or many applications then they can be used easily.

All these programming tutorials along with source code samples and ByteScout free trial version are available for download from our website.

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# Source Code Files:

Module1.vb

```
Imports Bytescout.Spreadsheet
Imports Bytescout.Spreadsheet.Charts
Imports System.IO

Module Module1

    Sub Main()

        ' Create new Spreadsheet object
        Dim spreadsheet As New Spreadsheet()
        spreadsheet.RegistrationName = "demo"
        spreadsheet.RegistrationKey = "demo"

        ' Add new worksheet
        Dim sheet As Worksheet = spreadsheet.Workbook.Worksheets.Add("Sample")

        ' Add few random numbers
        Dim length As Integer = 10
        Dim rnd As New Random()
        For i As Integer = 0 To length - 1
            sheet.Cell(i, 0).Value = rnd.[Next](1, 10)
        Next

        ' Add charts to worksheet
        Dim pieChart As Chart = sheet.Charts.AddChartAndFitInto(1, 3, 16, 9, ChartType
        pieChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))

        pieChart = sheet.Charts.AddChartAndFitInto(1, 10, 16, 16, ChartType.Pie3D)
        pieChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))

        pieChart = sheet.Charts.AddChartAndFitInto(1, 17, 16, 23, ChartType.PieOfPie)
        pieChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))

        pieChart = sheet.Charts.AddChartAndFitInto(17, 3, 32, 9, ChartType.PieExploded
        pieChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))

        pieChart = sheet.Charts.AddChartAndFitInto(17, 10, 32, 16, ChartType.PieExplode
        pieChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))

        pieChart = sheet.Charts.AddChartAndFitInto(17, 17, 32, 23, ChartType.BarOfPie)
        pieChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))

        ' Save it as XLS
        spreadsheet.SaveAs("Output.xls")

        ' Close the document
        spreadsheet.Close()

        ' Cleanup
        spreadsheet.Dispose()

        ' Open generated XLS file in default associated application
        Process.Start("Output.xls")
```

```
    End Sub

End Module
```

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VIDEO

https://www.youtube.com/watch?v=NEwNs2b9YN8

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