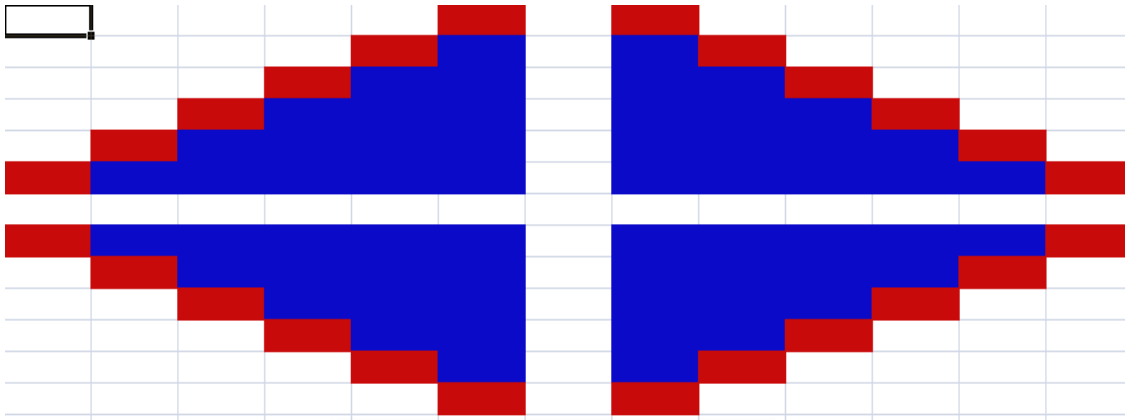


Generate patterned color in Excel

In Excel you can write VBA code to learn to generate a colored pattern as shown below. It is a combination of four half-matrixes of color patterns.



Then to run this VBA example code, double-click the current worksheet to open the code window, then in the objects dropdown list select WorkSheet and in events list select Activate. Copy and paste the VBA code below in to the code window.

VBA code:

Option Explicit

```
Private Sub Worksheet_Activate()
```

```
    Dim i, j, l, m As Integer
```

```
    l = 6
```

```
    m = 6
```

```
    For l = 1 To 6
```

```
        For m = 1 To 6
```

```
            If (l = m) Then
```

```
                Cells(l, m + 7).Interior.Color = RGB(200, 10, 10)
```

```
            ElseIf (l > m) Then
```

```
                Cells(l, m + 7).Interior.Color = RGB(10, 10, 200)
```

ElseIf (1 < m) Then

,

No filling

End If

Next

Next

For i = 1 + 1 To 14

For j = 6 To 1 Step -1

If (i + j = 14) Then

Cells(i, j + 7).Interior.Color = RGB(200, 10, 10)

ElseIf (i + j > 14) Then

,

No filling

ElseIf (i + j < 14) Then

Cells(i, j + 7).Interior.Color = RGB(10, 10, 200)

End If

Next

Next

Fill 'Call the fill color sub-procedure

End Sub

Sub Fill()

Dim i, j, l, m As Integer

i = 6

j = 6

For i = 1 To 6

For j = 6 To 1 Step -1

If (i + j = 7) Then

Cells(i, j).Interior.Color = RGB(200, 10, 10)

ElseIf (i + j > 7) Then

Cells(i, j).Interior.Color = RGB(10, 10, 200)

ElseIf (i + j < 7) Then

'No filling

End If

Next

Next

For l = i + 1 To 13

For m = 1 To 6

If (1 = m + 7) Then

Cells(1, m).Interior.Color = RGB(200, 10, 10)

ElseIf (1 > m + 7) Then

'No filling

ElseIf (1 < m + 7) Then

Cells(1, m).Interior.Color = RGB(10, 10, 200)

End If

Next

Next

End Sub

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