source_program2.txt

```
1  Const b_year As Integer = 2012
2
3  Sub Fill_cell()
4
5      Worksheets("Sheet1").Activate
6      Sheets("Sheet1").Cells.Delete
7
8      Range(Cells(1, 1), Cells(1, 7 * 6 + 5)).MergeCells = True
9      Cells(1, 1).Font.FontStyle = "MS Pゴシック"
10     Cells(1, 1).Font.Size = 12
11     Cells(1, 1).RowHeight = 20
12     Cells(1, 1).HorizontalAlignment = xlCenter
13     Cells(1, 1).Value = CStr(b_year) & "年からの5年カレンダー"
14
15     Range(Cells(2, 1), Cells(1 + 8 * 2 * 5 + 4, 7 * 6 + 5)).Font.FontStyle = "MS Pゴシック"
16     Range(Cells(2, 1), Cells(1 + 8 * 2 * 5 + 4, 7 * 6 + 5)).Font.Size = 8
17     Range(Cells(2, 1), Cells(1 + 8 * 2 * 5 + 4, 7 * 6 + 5)).HorizontalAlignment = xlCenter
18     Range(Cells(2, 1), Cells(1 + 8 * 2 * 5 + 4, 7 * 6 + 5)).RowHeight = 12
19
20     For pp = 1 To 6
21         For qq = 1 To 7
22             Columns(qq + 8 * (pp - 1)).ColumnWidth = 1.8
23         Next qq
24         If pp < 6 Then Columns(8 * pp).ColumnWidth = 0.5
25     Next pp
26
27     For ii = 1 To 5
28         row_w = 1 + 1 + 17 * (ii - 1)
29         For jj = 1 To 6
30             column_w = 1 + 8 * (jj - 1)
31             Range(Cells(row_w, column_w), Cells(row_w, column_w + 6)).MergeCells = True
32             Cells(row_w, column_w).Font.ColorIndex = 1
33             Cells(row_w, column_w).HorizontalAlignment = xlCenter
34             Cells(row_w, column_w).Value = CStr(b_year + ii - 1) + "年" + CStr(jj) + "月"
35         Next jj
36
37         For jj = 1 To 6
38             column_w = 1 + 8 * (jj - 1)
39             Cells(row_w + 1, column_w).Font.ColorIndex = 3
40             Cells(row_w + 1, column_w).Value = "日"
41
42             Cells(row_w + 1, column_w + 1).Font.ColorIndex = 1
43             Cells(row_w + 1, column_w + 1).Value = "月"
44             Cells(row_w + 1, column_w + 2).Value = "火"
45             Cells(row_w + 1, column_w + 3).Value = "水"
46             Cells(row_w + 1, column_w + 4).Value = "木"
47             Cells(row_w + 1, column_w + 5).Value = "金"
48
49             Cells(row_w + 1, column_w + 6).Font.ColorIndex = 5
50             Cells(row_w + 1, column_w + 6).Value = "土"
51
52             Call fill_days(row_w + 2, CInt(column_w), b_year + ii - 1, CInt(jj))
53         Next jj
54
55         For jj = 7 To 12
56             column_w = 1 + 8 * (jj - 7)
57             Range(Cells(row_w + 8, column_w), Cells(row_w + 8, column_w + 6)).MergeCells = True
58             Cells(row_w + 8, column_w).Font.ColorIndex = 1
59             Cells(row_w + 8, column_w).HorizontalAlignment = xlCenter
60             Cells(row_w + 8, column_w).Value = CStr(b_year + ii - 1) + "年" + CStr(jj) + "月"
61         Next jj
62
63         For jj = 7 To 12
64             column_w = 1 + 8 * (jj - 7)
65             Cells(row_w + 9, column_w).Font.ColorIndex = 3
66             Cells(row_w + 9, column_w).Value = "日"
67
68             Cells(row_w + 9, column_w + 1).Font.ColorIndex = 1
69             Cells(row_w + 9, column_w + 1).Value = "月"
70             Cells(row_w + 9, column_w + 2).Value = "火"
71             Cells(row_w + 9, column_w + 3).Value = "水"
72             Cells(row_w + 9, column_w + 4).Value = "木"
73             Cells(row_w + 9, column_w + 5).Value = "金"
74
75             Cells(row_w + 9, column_w + 6).Font.ColorIndex = 5
76             Cells(row_w + 9, column_w + 6).Value = "土"
77
78             Call fill_days(row_w + 10, CInt(column_w), b_year + ii - 1, CInt(jj))
79
80
81         Next jj
82     Next ii
```

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 83
 84 End Sub
 85
 86
 87 Sub fill_days(row_begin As Integer, column_begin As Integer, wyear As Integer, wmonth As Integer)
 88     Select Case wmonth
 89         Case 1, 3, 5, 7, 8, 10, 12
 90             For ii = 1 To 31
 91                 kk_0 = Weekday(DateSerial(wyear, wmonth, 1), vbSunday)
 92                 kk = Weekday(DateSerial(wyear, wmonth, ii), vbSunday)
 93                 w_row = row_begin + ((ii + kk_0 - 2) ¥ 7)
 94                 w_column = column_begin + kk - 1
 95                 Select Case kk
 96                     Case 1
 97                         Cells(w_row, w_column).Font.ColorIndex = 3
 98                         Cells(w_row, w_column).Value = ii
 99
100                     Case 2, 3, 4, 5, 6
101                         Cells(w_row, w_column).Font.ColorIndex = 1
102                         Cells(w_row, w_column).Value = ii
103
104                     Case 7
105                         Cells(w_row, w_column).Font.ColorIndex = 5
106                         Cells(w_row, w_column).Value = ii
107                     End Select
108
109             Next ii
110         Case 4, 6, 9, 11
111             For ii = 1 To 30
112                 kk_0 = Weekday(DateSerial(wyear, wmonth, 1), vbSunday)
113                 kk = Weekday(DateSerial(wyear, wmonth, ii), vbSunday)
114                 w_row = row_begin + ((ii + kk_0 - 2) ¥ 7)
115                 w_column = column_begin + kk - 1
116
117                 Select Case kk
118                     Case 1
119                         Cells(w_row, w_column).Font.ColorIndex = 3
120                         Cells(w_row, w_column).Value = ii
121
122                     Case 2, 3, 4, 5, 6
123                         Cells(w_row, w_column).Font.ColorIndex = 1
124                         Cells(w_row, w_column).Value = ii
125
126                     Case 7
127                         Cells(w_row, w_column).Font.ColorIndex = 5
128                         Cells(w_row, w_column).Value = ii
129                     End Select
130             Next ii
131         Case 2
132             If leap_year(wyear) = True Then
133                 For ii = 1 To 29
134                 kk_0 = Weekday(DateSerial(wyear, wmonth, 1), vbSunday)
135                 kk = Weekday(DateSerial(wyear, wmonth, ii), vbSunday)
136                 w_row = row_begin + ((ii + kk_0 - 2) ¥ 7)
137                 w_column = column_begin + kk - 1
138                     Select Case kk
139                         Case 1
140                             Cells(w_row, w_column).Font.ColorIndex = 3
141                             Cells(w_row, w_column).Value = ii
142
143                         Case 2, 3, 4, 5, 6
144                             Cells(w_row, w_column).Font.ColorIndex = 1
145                             Cells(w_row, w_column).Value = ii
146
147                         Case 7
148                             Cells(w_row, w_column).Font.ColorIndex = 5
149                             Cells(w_row, w_column).Value = ii
150                     End Select
151                 Next ii
152             Else
153                 For ii = 1 To 28
154                 kk_0 = Weekday(DateSerial(wyear, wmonth, 1), vbSunday)
155                 kk = Weekday(DateSerial(wyear, wmonth, ii), vbSunday)
156                 w_row = row_begin + ((ii + kk_0 - 2) ¥ 7)
157                 w_column = column_begin + kk - 1
158                     Select Case kk
159                         Case 1
160                             Cells(w_row, w_column).Font.ColorIndex = 3
161                             Cells(w_row, w_column).Value = ii
162
163                         Case 2, 3, 4, 5, 6
164                             Cells(w_row, w_column).Font.ColorIndex = 1
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165                        Cells(w_row, w_column).Value = ii
166
167                    Case 7
168                        Cells(w_row, w_column).Font.ColorIndex = 5
169                        Cells(w_row, w_column).Value = ii
170                End Select
171            Next ii
172        End If
173
174    End Select
175 End Sub
176
177
178 Function leap_year(wyear As Integer) As Boolean
179    If (wyear Mod 4) <> 0 Then
180        leap_year = False
181    Else
182        leap_year = True
183    End If
184 End Function
185
```