```
 [Initialize.]  Set PpC = 8 and byte_Mask = 1 and width = Image_Width and Height = Image_Height
 [Initialize.]  Set Ch_Asc = 97 and i = 1

  Pick_Random_Pixels R , C , RGB_NUM
    Convert__Color_Into_RGB Red , Green , Blue
    Repeat Steps  5,6,7,8,9,10 While i<= PpC
      If Ch_Asc AND Byte_Mask Then
         Color_Mask = 1
      Else
         Color_Mask = 0
      End If

      SELECT CASE RGB_NUM
        CASE 0 : Red = (Red AND PpC) OR color_Mask
        CASE 0 : Green = (Green AND PpC) OR color_Mask
        CASE 0 : Blue = (Blue AND PpC) OR color_Mask
      END SELECT

      Byte_Mask = Byte_Mask * 2

    Set New Color(R,G,B) at specified R,X

  [End of Step X Loop]

=========================================================================

 Repeat Step 2,3,4,5 While (Run=True)
   Row = Random * Image_Width
   Col = Random * Image_Height
   PXL_RGB = Random * 3
   Add_Unique_Collection = Row + "," + Col + ","  + PXL_RGB
   If Unique_Collection = True
     Exit
   [End If]
 [End While]

=========================================================================

 Resolve_Color // Subroutine
   Red   = Pixel_Color AND &HFF&
   Green = (Pixel_Color AND &HFF00&) \ &H100&
   Blue  = (Pixel_Color AND &HFF00&) \ &H10000&
 [END SUB-ROUTINE]

=========================================================================


 [Initialize.]  Set PpC = 8 and byte_Mask = 1 and width = Image_Width and Height = Image_Height
  [Initialize.]  Set i = 1

   Pick_Random_Pixels R , C , RGB_NUM
     Convert__Color_Into_RGB Red , Green , Blue
```

```
  Repeat Steps  5,6,7,8,9,10 While i<= PpC

    SELECT CASE RGB_NUM
      CASE 0 : Red   = (Red AND 1 )
      CASE 0 : Green = (Green AND 1)
      CASE 0 : Blue  = (Blue AND 1)
    END SELECT

    If color_Mask Then
      Ch_Asc = Ch_Asc OR byte_Mask
    [End If]
    Byte_Mask = Byte_Mask * 2

  [End of Step X Loop]


==========================================================
```