

VB6把彩色图片变成灰阶的方法计算机等级考试 PDF转换可能丢失图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/631/2021\\_2022\\_VB6\\_E6\\_8A\\_8A\\_E5\\_BD\\_A9\\_E8\\_c97\\_631065.htm](https://www.100test.com/kao_ti2020/631/2021_2022_VB6_E6_8A_8A_E5_BD_A9_E8_c97_631065.htm) 第一读取文件加载

picturebox里 地球人都会这里就不说了，下面建立一个模块  
view plaincopy to clipboardprint?

```
102030405060708090100110120130140150 Option Explicit ' 算法二  
要的API Private Declare Function SetBitmapBits Lib "gdi32"  
(ByVal hBitmap As Long, ByVal dwCount As Long, lpBits As Any)  
As Long Private Declare Function GetBitmapBits Lib "gdi32" (ByVal  
hBitmap As Long, ByVal dwCount As Long, lpBits As Any) As Long  
Private Declare Function GetObject Lib "gdi32" Alias "GetObjectA"  
(ByVal hObject As Long, ByVal nCount As Long, lpObject As Any)  
As Long Private Declare Sub CopyMemory Lib "kernel32" Alias  
"RtlMoveMemory" (pDest As Any, pSrc As Any, ByVal ByteLen As  
Long) Private Type BITMAP bmType As Long bmWidth As Long  
bmHeight As Long bmWidthBytes As Long bmPlanes As Integer  
bmBitsPixel As Integer bmBits As Long End Type ' 算法一要  
的API Private Declare Function GetPixel Lib "gdi32" (ByVal hdc As  
Long, ByVal x As Long, ByVal Y As Long) As Long Private Declare  
Function SetPixelV Lib "gdi32" (ByVal hdc As Long, ByVal x As  
Long, ByVal Y As Long, ByVal crColor As Long) As Long ' 算法二  
提高速度约2秒 是方法1的46倍速度 Public Function  
TurnBmp(hSrcBmp As Long, Optional hDestBmp As Long = 0) As  
Boolean Dim x As Long, Y As Long Dim BytesPixel As Long If  
hDestBmp = 0 Then hDestBmp = hSrcBmp Dim tSBmpInfo As
```

BITMAP, tDBmpInfo As BITMAP Dim sBits() As Byte, dBits() As Byte ' 获得位图信息 Call GetObject(hSrcBmp, Len(tSBmpInfo), tSBmpInfo) Call GetObject(hDestBmp, Len(tDBmpInfo), tDBmpInfo) ' 申请空间 ReDim sBits(1 To tSBmpInfo.bmWidthBytes, 1 To tSBmpInfo.bmHeight) ReDim dBits(1 To tDBmpInfo.bmWidthBytes, 1 To tDBmpInfo.bmHeight) ' 获得源图与目标图二进制位 Call GetBitmapBits(hSrcBmp, tSBmpInfo.bmWidthBytes \* tSBmpInfo.bmHeight, sBits(1, 1)) Call GetBitmapBits(hDestBmp, tDBmpInfo.bmWidthBytes \* tDBmpInfo.bmHeight, dBits(1, 1)) ' 计算颜色值占用多少字节 BytesPixel = tSBmpInfo.bmBitsPixel / 8 Dim l As Integer Dim b As Long

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