

VB6把彩色图片变成灰阶的方法 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/647/2021_2022_VB6_E6_8A_8A_E5_BD_A9_E8_c97_647515.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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