



**Note:** This IBM PC BIOS API call is for DOS/Win16 personality only. Use [Family API](#) for portability.

**Note:** [osFree Macro Library](#) provides macros for most of functions

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# Int 10H, AH=0BH

## Version

IBM 5150 and higher

## Brief

Set background color/palette

## osFree Macro Library

[@SetColor](#)/[@SetPalet](#)/[@SetPalette](#)

## Family API

No equivalent

## Parameters

- AH = 0Bh
- BH = 00h
  - BL = background/border color (border only in text modes)
- BH = 01h
  - BL = palette ID
    - 00h background, green, red, and brown/yellow
    - 01h background, cyan, magenta, and white

# Return

# Macro

```
INCLUDE BIOS.INC

@SetColor 2
@SetPalet 1
```

# Notes

- Text based on [Ralf Brown Interrupt List Release 61](#)

| IBM PC BIOS API      |  |
|----------------------|--|
| Video I/O            | <a href="#">INT 10H</a> : 00H, 01H, 02H, 03H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0CH, 0DH, 0EH, 0FH  |
| Hardware info        | <a href="#">INT 11H</a> , <a href="#">INT 12H</a>  |
| Serial I/O           | <a href="#">INT 14H</a> : 00H, 01H, 02H, 03H   |
| Tape I/O             | <a href="#">INT 15H</a> : 00H, 01H, 02H, 03H   |
| Keyboard I/O         | <a href="#">INT 16H</a> : 00H, 01H, 02H  |
| Printer I/O          | <a href="#">INT 17H</a> : 00H, 01H, 02H  |
| Disk I/O             | <a href="#">INT 13H</a> : 00H, 01H, 02H, 03H, 04H, 05H   |
| Date and Time        | <a href="#">INT 1AH</a> : 00H, 01H   |
| osFree Macro Library |  |
| Video I/O            | <a href="#">@SetMode</a> <a href="#">@SetCurSz</a> <a href="#">@SetCurPos</a> <a href="#">@GetCur</a> <a href="#">@SetPage</a> <a href="#">@ScrollUp</a> <a href="#">@ScrollDn</a> <a href="#">@Scroll</a> <a href="#">@GetChAtr</a> <a href="#">@PutChAtr</a> <a href="#">@PutCh</a> <a href="#">@SetPalet</a> <a href="#">@SetColor</a> <a href="#">@SetDot</a> <a href="#">@GetDot</a> <a href="#">@WrtTTY</a> <a href="#">@VideoState</a> <a href="#">@GetMode</a> <a href="#">@GetDisplay</a> <a href="#">@GetVideoState</a> <a href="#">@GetEGAInfo</a> <a href="#">@Cls</a> |
| Hardware info        | <a href="#">@Equipment</a> <a href="#">@MemSize</a>  |
| Serial I/O           | <a href="#">@AuxInit</a> <a href="#">@AuxSendChar</a> <a href="#">@AuxRecieveChar</a> <a href="#">@AuxStatus</a>   |
| Tape I/O             | <a href="#">@TapeOn</a> <a href="#">@TapeOff</a> <a href="#">@TapeRead</a> <a href="#">@TapeWrite</a>  |
| Keyboard I/O         | <a href="#">@KbdStatus</a> <a href="#">@CharIn</a> <a href="#">@CharPeek</a>   |
| Printer I/O          | <a href="#">@PrnPrint</a> <a href="#">@PrnInit</a> <a href="#">@PrnStatus</a>  |
| Disk I/O             | <a href="#">@DskReset</a> <a href="#">@DskStatus</a> <a href="#">@DskRead</a> <a href="#">@DskWrite</a> <a href="#">@DskVerify</a> <a href="#">@DskFormat</a>  |
| Date and Time        | <a href="#">@SetTime</a> <a href="#">@GetTime</a>  |
| Mouse                | <a href="#">@MouInit</a> <a href="#">@MouShowPointer</a> <a href="#">@MouStatus</a> <a href="#">@MouSetPos</a> <a href="#">@MouSetMickey</a> <a href="#">@MouRegion</a>  |
| Memory manager       | <a href="#">@ModBlok</a> <a href="#">SET_BLOCK</a>   |

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| Family API |                 |  |
|------------|-----------------|--|
| DOS        | Process Manager | DosBeep DosExit DosSleep DosExecPgm  |
|            | File Manager    | DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSInfo |
|            | Memory Manager  | DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias   |
|            | NLS             | DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage  |
|            | Date and Time   | DosSetDateTime DosGetDateTime  |
|            | Devices         | DosDevConfig DosDevIOCtl DosDevIOCtl2  |
|            | Signals         | DosHoldSignal DosSetSigHandler   |
|            | Misc            | BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec  |
| KBD        |                 | KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek   |
| VIO        |                 | VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp                            |
| Tools      |                 | BIND   |
| Modules    |                 | DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL   |
| Libraries  |                 | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB  |

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