

### TPUT Control Codes

|       |                                 |
|-------|---------------------------------|
| setf  | Foreground color (text)         |
| setaf | Foreground color (ANSI escaped) |
| setb  | Background color                |
| setab | Background color (ANSI escaped) |
| bold  | Brighten all colors             |
| dim   | Darken all colors               |
| rev   | Reverse color pallete           |
| smul  | Begin underlining               |
| rmul  | Stop underlining                |
| smso  | Enter Standout Mode             |
| rmso  | Exit Standout Mode              |
| smcup | Clear                           |
| clear | Clear                           |
| reset | Reset Screen Size               |
| rmcup | Restore                         |
| sgr0  | Revert all attribute changes    |

### Usage: tput <control> [color]

Red Hello:

```
tput setaf 1;echo " Hel lo";tput
sgr0
```

Light Green ps:

```
tput setaf 2;tput bold;p s;tput
sgr0
```

### TPUT Color Codes

|            |   |
|------------|---|
| Black      | 0 |
| Red        | 1 |
| Green      | 2 |
| Yellow     | 3 |
| Blue       | 4 |
| Magenta    | 5 |
| Cyan       | 6 |
| Light Grey | 7 |

### LS\_COLORS File Codes

|  |                       |
|--|-----------------------|
| Block Device (buffered)                              | bd                    |
| File with Capability                                 | ca                    |
| Character Device (unbuffered)                        | cd                    |
| Directory  | di                    |
| Door   | do                    |
| End Code   | ec                    |
| Executable File                                      | ex                    |
| File   | fi                    |
| Left Code  | lc                    |
| Symbolic Link  | ln                    |
| Multi Hard Link<br>(File with more than one link)    | mh                    |
| Missing File<br>(Pointed to by a symlink)            | mi                    |
| Orphaned Symbolic Link<br>(Points to a missing file) | or                    |
| Other-Writable Directory                             | ow                    |
| Named Pipe   | pi                    |
| Right Code   | rc                    |
| Socket File  | so                    |
| Directory Sticky (+t)                                | st                    |
| File setuid (u+s)                                    | su                    |
| Sticky AND Other-Writable                            | tw                    |
| File Extension Specific                              | *.example<br>.example |

Create a `dircolors` file with `dircolors -p`  
`> ~/.dir colors`  
 see `dir_colors(1)`, `dir_colors(5)` for more info

### ANSI Control Codes

|                       |    |
|-----------------------|----|
| Reset                 | 0  |
| Bold                  | 1  |
| Dim                   | 2  |
| Underline on          | 4  |
| Underline off         | 24 |
| Blink start           | 5  |
| Blink end             | 25 |
| Inverse pallete start | 7  |
| Inverse pallete end   | 27 |
| Conceal               | 8  |
| Normal                | 22 |

see `console_codes(4)` for more information

### ANSI Color Codes

| Color      | Text | Background |
|------------|------|------------|
| Black      | 30   | 40         |
| Red        | 31   | 41         |
| Green      | 32   | 42         |
| Yellow     | 33   | 43         |
| Blue       | 34   | 44         |
| Magenta    | 35   | 45         |
| Cyan       | 36   | 46         |
| Light Grey | 37   | 47         |



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 Page 1 of 1.

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