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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'terminal-colors.d.5' command**

**\$ man terminal-colors.d.5**

TERMINAL-COLORS.D(5)      File formats      TERMINAL-COLORS.D(5)

### NAME

terminal-colors.d - configure output colorization for various utilities

### SYNOPSIS

/etc/terminal-colors.d/[[name]][@term].][type]

### DESCRIPTION

Files in this directory determine the default behavior for utilities when coloring output.

The name is a utility name. The name is optional and when none is specified then the file is used for all unspecified utilities.

The term is a terminal identifier (the TERM environment variable). The terminal identifier is optional and when none is specified then the file is used for all unspecified terminals.

The type is a file type. Supported file types are:

disable

Turns off output colorization for all compatible utilities.

enable

Turns on output colorization; any matching disable files are ignored.

scheme

Specifies colors used for output. The file format may be specific to the utility, the default format is described below.

If there are more files that match for a utility, then the file with

the more specific filename wins. For example, the filename "@xterm.scheme" has less priority than "dmesg@xterm.scheme". The lowest priority are those files without a utility name and terminal identifier (e.g., "disable").

The user-specific \$XDG\_CONFIG\_HOME/terminal-colors.d or \$HOME/.config/terminal-colors.d overrides the global setting.

## DEFAULT SCHEME FILES FORMAT

The following statement is recognized:

name color-sequence

The name is a logical name of color sequence (for example "error"). The names are specific to the utilities. For more details always see the COLORS section in the man page for the utility.

The color-sequence is a color name, ASCII color sequences or escape sequences.

### Color names

black, blink, blue, bold, brown, cyan, darkgray, gray, green, halfbright, lightblue, lightcyan, lightgray, lightgreen, lightmagenta, lightred, magenta, red, reset, reverse, and yellow.

### ANSI color sequences

The color sequences are composed of sequences of numbers separated by semicolons. The most common codes are:

??

? ? ?

?0 ? to restore default color ?

??

? ? ?

?1 ? for brighter colors ?

??

? ? ?

?4 ? for underlined text ?

??

? ? ?

?5 ? for flashing text ?

????????????????????????????????????

? ? ?

?30 ? for black foreground ?

????????????????????????????????????

? ? ?

?31 ? for red foreground ?

????????????????????????????????????

? ? ?

?32 ? for green foreground ?

????????????????????????????????????

? ? ?

?33 ? for yellow (or brown) ?

? ? foreground ?

????????????????????????????????????

? ? ?

?34 ? for blue foreground ?

????????????????????????????????????

? ? ?

?35 ? for purple foreground ?

????????????????????????????????????

? ? ?

?36 ? for cyan foreground ?

????????????????????????????????????

? ? ?

?37 ? for white (or gray) ?

? ? foreground ?

????????????????????????????????????

? ? ?

?40 ? for black background ?

????????????????????????????????????

? ? ?

?41 ? for red background ?

????????????????????????????????????

? ? ?

?42 ? for green background ?

????????????????????????????????????

? ? ?

?43 ? for yellow (or brown) ?

? ? background ?

????????????????????????????????????

? ? ?

?44 ? for blue background ?

????????????????????????????????????

? ? ?

?45 ? for purple background ?

????????????????????????????????????

? ? ?

?46 ? for cyan background ?

????????????????????????????????????

? ? ?

?47 ? for white (or gray) ?

? ? background ?

????????????????????????????????????

Escape sequences

To specify control or blank characters in the color sequences,

C-style \-escaped notation can be used:

????????????????????????????????????

? ? ?

?\a ? Bell (ASCII 7) ?

????????????????????????????????????

? ? ?

?\b ? Backspace (ASCII 8) ?

????????????????????????????????????

? ? ?

?\e ? Escape (ASCII 27) ?

????????????????????????????????????

? ? ?

?\f ? Form feed (ASCII 12) ?

????????????????????????????????

? ? ?

?\n ? Newline (ASCII 10) ?

????????????????????????????????

? ? ?

?\r ? Carriage Return (ASCII ?

? ? 13) ?

????????????????????????????????

? ? ?

?\t ? Tab (ASCII 9) ?

????????????????????????????????

? ? ?

?\v ? Vertical Tab (ASCII ?

? ? 11) ?

????????????????????????????????

? ? ?

?\? ? Delete (ASCII 127) ?

????????????????????????????????

? ? ?

?\\_ ? Space ?

????????????????????????????????

? ? ?

?\\ ? Backslash (\) ?

????????????????????????????????

? ? ?

?\^ ? Caret (^) ?

????????????????????????????????

? ? ?

?\# ? Hash mark (#) ?

????????????????????????????????

backslash, caret, or any control character anywhere in the string, as well as a hash mark as the first character.

For example, to use a red background for alert messages in the output of `dmesg(1)`, use:

```
echo 'alert 37;41' >>  
/etc/terminal-colors.d/dmesg.scheme
```

## Comments

Lines where the first non-blank character is a # (hash) are ignored. Any other use of the hash character is not interpreted as introducing a comment.

## ENVIRONMENT

`TERMINAL_COLORS_DEBUG=all`  
enables debug output.

## FILES

`$XDG_CONFIG_HOME/terminal-colors.d`  
`$HOME/.config/terminal-colors.d`  
`/etc/terminal-colors.d`

## EXAMPLE

Disable colors for all compatible utilities:

```
touch /etc/terminal-colors.d/disable
```

Disable colors for all compatible utils on a vt100

terminal:

```
touch /etc/terminal-colors.d/@vt100.disable
```

Disable colors for all compatible utils except `dmesg(1)`:

```
touch /etc/terminal-colors.d/disable
```

```
touch /etc/terminal-colors.d/dmesg.enable
```

## COMPATIBILITY

The `terminal-colors.d` functionality is currently supported by all `util-linux` utilities which provides colorized output. For more details always see the `COLORS` section in the man page for the utility.

## REPORTING BUGS

For bug reports, use the issue tracker at

<https://github.com/karelzak/util-linux/issues>.

#### AVAILABILITY

terminal-colors.d is part of the util-linux package which  
can be downloaded from Linux Kernel Archive

<<https://www.kernel.org/pub/linux/utils/util-linux/>>.

util-linux 2.37.4            2022-02-14            TERMINAL-COLORS.D(5)