

N A N S I

Nansi simplifies working with the xterm-256 color palette. Designed and written in/for Bash, adapted to Sass and Less, and available in Adobe Swatch Exchange format (.ase).

§ FORMATS

nansi.sh : bash/shell
nansi.hex.scss : hexadecimal format in scss
nansi.rgb.scss : rgb format for scss
nansi.hex.less : hexadecimal format in less
nansi.rgb.less : rgb format for less
nansi.ase : (Adobe Swatch Exchange) file

§ REFERENCE

ONLINE

The keyboard numbers **1** through **4** will toggle the following options. Switch between a **DARK/LIGHT** background, **REFERENCE/HEX** values, **SMALL/LARGE** swatch size, and turn column spacing **OFF/ON**, respectively.

SHELL

If you have the nansi.sh file installed (see below), you can print the reference palette to standard output with the following command:

```
$ N256
```

§ INSTALL

Source into your .bashrc or dotfile of choice, import the partial into your Sass/Less stylesheet, or load into your Adobe Swatch Panel, or any program supporting the ASE (Adobe Swatch Exchange) format.

```
// inside your bash.rc  
source ~/.nansi.sh
```

```
// as a partial in your stylesheet  
@import "_nansi.hex.scss";
```

```
// within Illustrator, InDesign, etc.  
Swatches Panel → Menu → Load Swatches → nansi.ase
```

§ USAGE

SH/BASH

The syntax is direct: **F0-255** to set a foreground color, and **B0-255** to set a background color; respectively. To set text bold use: **BOLD**. To set reversed text (foreground becomes background), use **RVRS**. To underline text use **UNDR**, and finally to end a color/style use **STOP**.

```
# set the foreground then the background
$ printf "${F42}hamburg${B89}fonstiv${STOP}"

# set the foreground and the background
$ printf "${F42}${B89}hamburgfonstiv${STOP}"

# set multiple foreground colors
$ printf "${F124}hamb${F126}urg${F128}fontstiv${STOP}"
```

SCSS + LESS

Nansi is composed of basic color variables, no matter which version you use (hex, hsl, rgb), or which pre-processor SCSS or LESS. For SCSS it's the dollar sign, and for LESS, the at sign.

```
h4 { color: $_132; } // scss
h5 { color: @_133; } // less
```

NOTE: Should you want to work with rgba, both Sass and Less have built-in color functions to convert a color to rgba and change the transparency/opacity:

```
h4 { color: rgba($_86, 50%); } // scss
h5 { color: fade(@_72, 50%); } // less
```

§ FURTHER

For information on the command behind Nansi (tput), or, your specific terminals capabilities, try the following commands:

```
$ man tput
$ man terminfo
$ man termcap
```

§ SEE ALSO

[The Woolidge Bash Scripting Guide](#)

[Woolidge: A tput primer](#)