

# Converting Colors

Hex(84767B)

Have a look what the booklet for  
Hex(84767B) contains.

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# Color

**Hex(84767B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84767B
RGB	132, 118, 123
RGB Percent	52%, 46%, 48%
CMY	0.4824, 0.5373, 0.5176
CMYK	0.00, 0.11, 0.07, 0.48
HSL	339°, 6%, 49%
HSV	339°, 11%, 52%
XYZ	19.5693, 19.2925, 21.4313
YIQ	122.7560, 6.7390, 4.5230

# Conversions

## Conversions Part 2

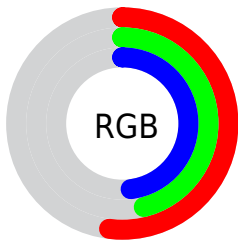
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 118, 123
Decimal	8681083
CIE Lab	51.03, 6.33, -0.77
CIE LCh	51, 6.380, 353.029
Yxy	19.2925, 0.3246, 0.3200
Android (android.graphics.Color)	4286871163 (0xFF84767B)
YUV	122.7560, 0.1203, 8.1070
Hunter-Lab	43.9232, 2.6624, 1.8171

# Details

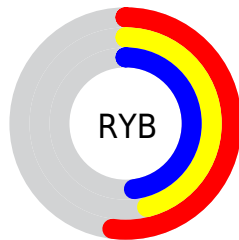
The Hex color **84767B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76847F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B9AAAF**, and **52464A** is the 20% darker color. If you saturate the color by 10%, you get **846973**, and if you desaturate by 10%, it is **848383**.

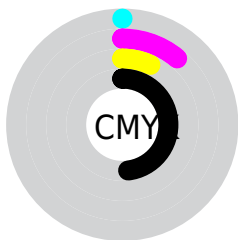
# Distribution



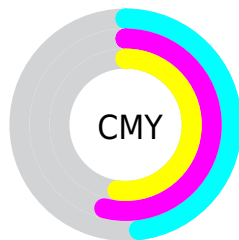
- Red (52%)
- Green (46%)
- Blue (48%)



- Red (52%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84767B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 84767B by changing the saturation by 10% instead.





84767B



84767B

FFFFFF



6B5D62



B9AAAF



52464A



D5C5CB



3B2F34



F1E1E7



261B1F

FFFEFF



120006



000000



84767B



84767B



846973



848383



845C6A



84908C

844E62

849E94

844159

84AB9D

843451

84B8A5

842748

84C5AE

841A40

84D2B6

840C37

84E0BF

84002F

84EDC7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



807780



84767B



867675

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84767B



797A6F



6E7C82

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84767B



76847F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6C7D7E



84767B



737C73

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84767B



7F796F



6E7D78



737A84

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84767B



857772



6E7D78



6D7C81



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84767B



ABA6A8



7F7684



575354



D6D6D6



575757



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84767B



AB959D



847876



423C3E



82002E



030001



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84767B



AB959D



768284



423C3E



82002E



030001



# Previews

## White Background



This preview shows how the Hex color 84767B looks on a white background.

## Color Contrast Check

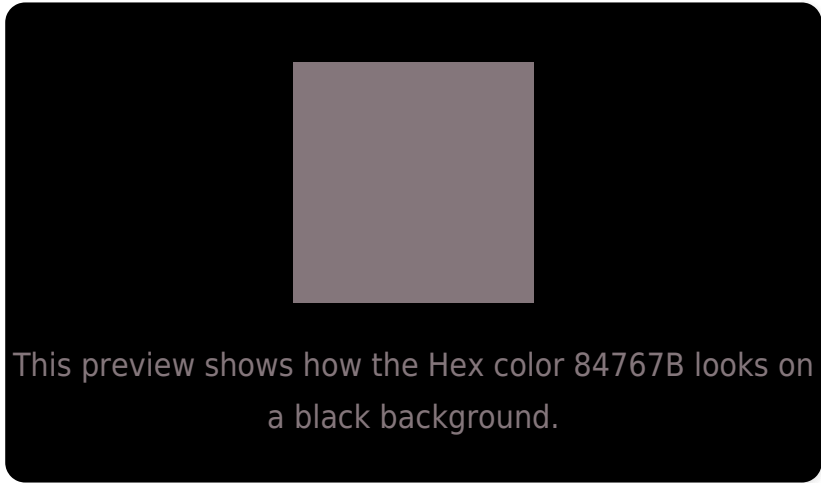
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

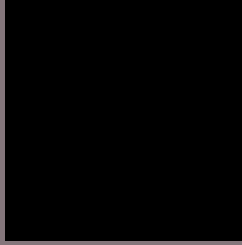
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84767B Background



This preview shows how black text looks on a background with the Hex color 84767B.



This preview shows how white text looks on a background with the Hex color 84767B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
84767B

**Protanopia**  
7B797D

**Deuteranopia**  
85767B



**Tritanopia**  
85757F

# Trichromacy



**Original Color**  
84767B

**Protanomaly**  
7E787C

**Deuteranomaly**  
85767B

**Tritanomaly**  
85757E

# Monochromacy



**Original Color**  
84767B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7E797B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84767B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #84767B looks like.

```
.text, #text, p{  
    color:#84767B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #84767B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84767B
}
```

## Border

The CSS property to change the border of an element to Hex 84767B is called "border". The border property can be set on classes, ids or directly on the HTML element.

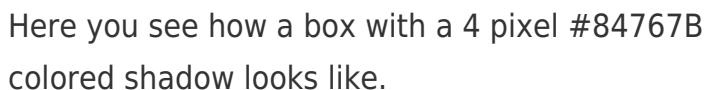
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84767B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#84767B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #84767B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84767B; -webkit-box-shadow:4px 4px  
4px 4px #84767B; box-shadow:4px 4px 4px  
4px #84767B }
```

# Background

The CSS property to change the background color of an element to Hex 84767B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84767B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#84767B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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