

# Converting Colors

Hex(86784B)

Have a look what the booklet for  
Hex(86784B) contains.

<b>Hex(86784B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(86784B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86784B
RGB	134, 120, 75
RGB Percent	53%, 47%, 29%
CMY	0.4745, 0.5294, 0.7059
CMYK	0.00, 0.10, 0.44, 0.47
HSL	46°, 28%, 41%
HSV	46°, 44%, 53%
XYZ	17.8180, 19.0093, 9.3867
YIQ	119.0560, 22.7890, -11.0270

# Conversions

## Conversions Part 2

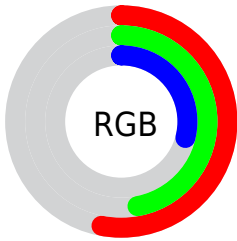
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 134, 75
Decimal	8812619
CIELab	50.70, -1.33, 26.65
CIElCh	51, 26.678, 92.859
Yxy	19.0093, 0.3856, 0.4113
Android (android.graphics.Color)	4287002699 (0xFF86784B)
YUV	119.0560, -21.7196, 13.1059
Hunter-Lab	43.5996, -3.3512, 17.7551

# Details

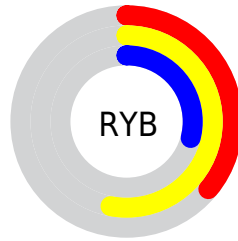
The Hex color **86784B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B5986**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BCAC7D**, and **53481D** is the 20% darker color. If you saturate the color by 10%, you get **86753E**, and if you desaturate by 10%, it is **867B58**.

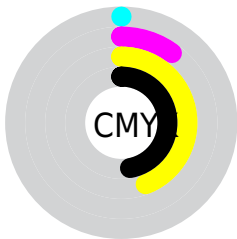
# Distribution



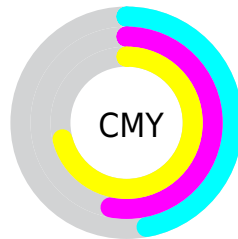
- Red (53%)
- Green (47%)
- Blue (29%)



- Red (36%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (10%)
- Yellow (44%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86784B 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 86784B by changing the saturation by 10% instead.





86784B



86784B

FFFFFF



6C5F34



BCAC7D



53481D



D8C797



3B3106



F5E3B1



241D00



FFFFCD



000300



FFFFE9



000000



86784B



86784B



86753E



867B58



867230



867E66

 866E23

 868273

 866B15

 868581

 866808

 86888E

 866600

 868B9B

 868EA9

 8691B6

 8695C4

# Harmonies

## Analogous

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



997051



86784B



6E7F52

# Triad

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



86784B



268491



976B8E

# Complementary

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



86784B



4B5986

# 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.



7E729F



86784B



3981A1

# Square

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



86784B



37857A



5D7AA6



A46777

# Rectangle

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



86784B



5C825D



5D7AA6



906D94



# Sweetspot

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



86784B



ADA897



864B5A



575349



D6D6D6



575757



# Same Dimension

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



86784B



AD9851



77864B



42413C



826300



030200



# Inverse Universe

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



4B5986



5167AD



5A4B86



3C3D42



001F82



000103



# Previews

## White Background



This preview shows how the Hex color 86784B looks on a white background.

## Color Contrast Check

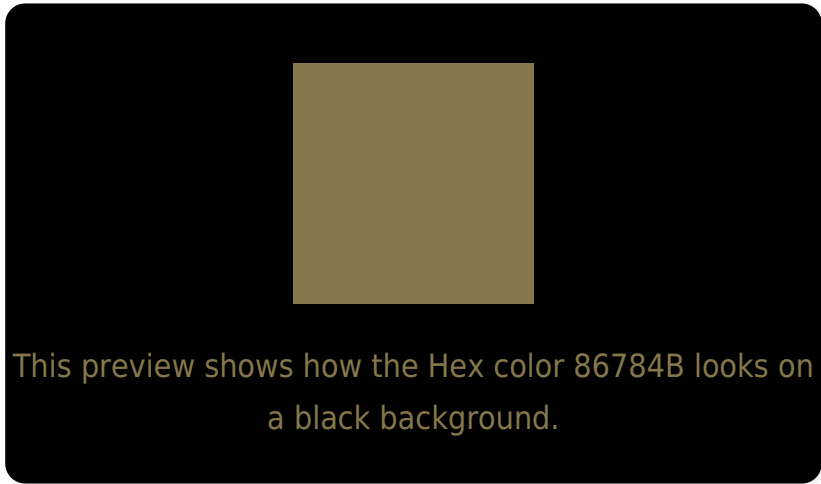
Large Text (above 18pt) WCAG AA ✓ Pass

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

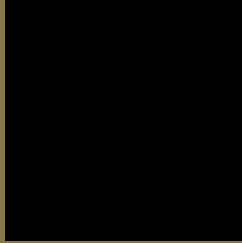
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 86784B Background



This preview shows how black text looks on a background with the Hex color 86784B.



This preview shows how white text looks on a background with the Hex color 86784B.

# 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**

86784B

**Protanopia**

84794B

**Deuteranopia**

92734C



**Tritanopia**  
8B727B

# Trichromacy



**Original Color**  
86784B

**Protanomaly**  
85794B

**Deuteranomaly**  
8E754C

**Tritanomaly**  
89746A

# Monochromacy



**Original Color**  
86784B

**Achromatopsia**  
777777

**Achromatomaly**  
7C7767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86784B 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 #86784B looks like.

```
.text, #text, p{  
    color:#86784B  
}
```

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 #86784B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86784B
}
```

## Border

The CSS property to change the border of an element to Hex 86784B 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
#86784B }
```

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

```
.border{ border-color:#86784B }
```

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

Here you see how a box with a 4 pixel #86784B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86784B; -webkit-box-shadow:4px 4px  
4px 4px #86784B; box-shadow:4px 4px 4px  
4px #86784B }
```

# Background

The CSS property to change the background color of an element to Hex 86784B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86784B }
```

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

```
.background{ background-color:#86784B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor