

# Converting Colors

Hex(8A806B)

Have a look what the booklet for  
Hex(8A806B) contains.

<b>Hex(8A806B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8A806B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A806B
RGB	138, 128, 107
RGB Percent	54%, 50%, 42%
CMY	0.4588, 0.4980, 0.5804
CMYK	0.00, 0.07, 0.22, 0.46
HSL	41°, 13%, 48%
HSV	41°, 22%, 54%
XYZ	20.8542, 21.9032, 17.0385
YIQ	128.5960, 12.7010, -4.4110

# Conversions

## Conversions Part 2

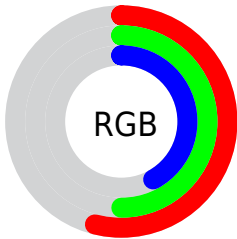
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 138, 107
Decimal	9076843
CIELab	53.92, 0.17, 12.78
CIElCh	54, 12.784, 89.223
Yxy	21.9032, 0.3488, 0.3663
Android (android.graphics.Color)	4287266923 (0xFF8A806B)
YUV	128.5960, -10.6468, 8.2473
Hunter-Lab	46.8008, -2.3625, 11.1752

# Details

The Hex color **8A806B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **6B758A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C0B59E**, and **584F3C** is the 20% darker color. If you saturate the color by 10%, you get **8A7C5D**, and if you desaturate by 10%, it is **8A8479**.

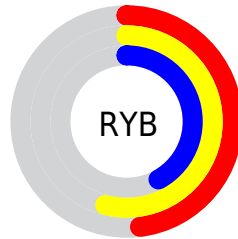
# Distribution



Red (54%)

Green (50%)

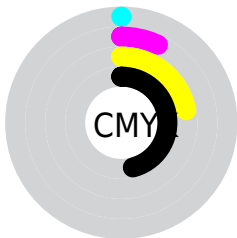
Blue (42%)



Red (48%)

Yellow (54%)

Blue (42%)

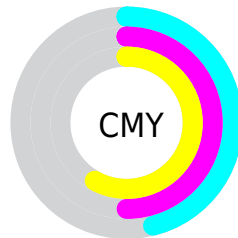


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (46%)



Cyan (46%)

Magenta (50%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A806B 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 8A806B by changing the saturation by 10% instead.



 8A806B

 8A806B

FFFFFF

 706753

 C0B59E

 584F3C

 DCD0B9

 403826

 F8EDD5

 2A2311

 FFFFF1

 140D00

 000000

 8A806B

 8A806B

 8A7C5D

 8A8479

 8A774F

 8A8987

■ 8A7342

■ 8A8D94

■ 8A6E34

■ 8A92A2

■ 8A6A26

■ 8A96B0

■ 8A6518

■ 8A9BBE

■ 8A610A

■ 8A9FCC

■ 8A5D00

■ 8AA4D9

■ 8AA8E7

# Harmonies

## Analogous

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



937C6E



8A806B



7E836E

# Triad

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



8A806B



64878B



8F7B8C

# Complementary

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



8A806B



6B758A

# 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.



837E94



8A806B



698593

# Square

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



8A806B



688780



748297



977982

# Rectangle

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



8A806B



758572



748297



8B7C8F



# Sweetspot

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



8A806B



B3AEA6



8A6B75



595752



D9D9D9



595959



# Same Dimension

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



8A806B



B3A382



858A6B



45433E



855A00



050300



# Inverse Universe

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



6B758A



8292B3



706B8A



3E4045



002B85



000205



# Previews

## White Background



This preview shows how the Hex color 8A806B looks on a white background.

## Color Contrast Check

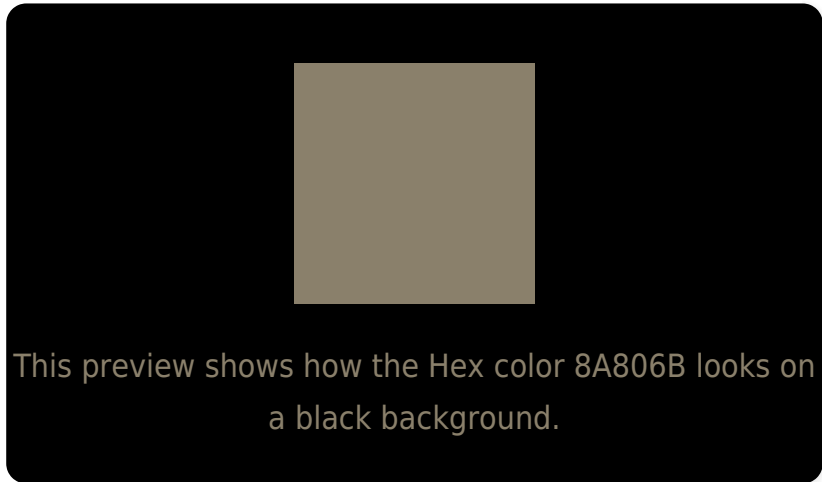
Large Text (above 18pt) WCAG AA ✓ Pass

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

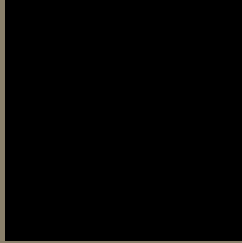
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

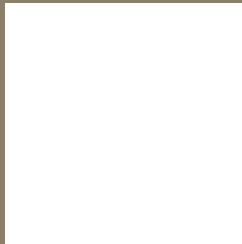
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A806B Background



This preview shows how black text looks on a background with the Hex color 8A806B.



This preview shows how white text looks on a background with the Hex color 8A806B.

# 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**  
8A806B

**Protanopia**  
88816B

**Deuteranopia**  
957C6C



**Tritanopia**  
8D7C86

# Trichromacy



**Original Color**  
8A806B

**Protanomaly**  
89816B

**Deuteranomaly**  
917D6C

**Tritanomaly**  
8C7D7C

# Monochromacy



**Original Color**  
8A806B

**Achromatopsia**  
818181

**Achromatomaly**  
848179

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A806B 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 #8A806B looks like.

```
.text, #text, p{  
    color:#8A806B  
}
```

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 #8A806B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A806B
}
```

## Border

The CSS property to change the border of an element to Hex 8A806B is called "border". The border property can be set on classes, ids or directly on the HTML element.

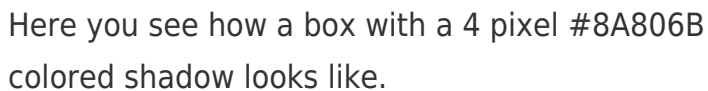
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A806B }
```

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

```
.border{ border-color:#8A806B }
```

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



Here you see how a box with a 4 pixel #8A806B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A806B; -webkit-box-shadow:4px 4px  
4px 4px #8A806B; box-shadow:4px 4px 4px  
4px #8A806B }
```

# Background

The CSS property to change the background color of an element to Hex 8A806B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A806B }
```

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

```
.background{ background-color:#8A806B }
```

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