

# Converting Colors

Hex(8C846B)

Have a look what the booklet for  
Hex(8C846B) contains.

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**Color**

**Hex(8C846B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C846B
RGB	140, 132, 107
RGB Percent	55%, 52%, 42%
CMY	0.4510, 0.4824, 0.5804
CMYK	0.00, 0.06, 0.24, 0.45
HSL	45°, 13%, 48%
HSV	45°, 24%, 55%
XYZ	21.7203, 23.1395, 17.2315
YIQ	131.5420, 12.7930, -6.0790

# Conversions

## Conversions Part 2

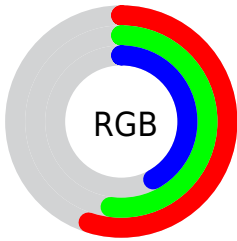
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 140, 107
Decimal	9208939
CIE Lab	55.22, -1.28, 14.60
CIE LCh	55, 14.660, 94.992
Yxy	23.1395, 0.3498, 0.3727
Android (android.graphics.Color)	4287399019 (0xFF8C846B)
YUV	131.5420, -12.0992, 7.4177
Hunter-Lab	48.1035, -3.5826, 12.4338

# Details

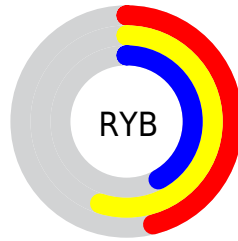
The Hex color **8C846B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B738C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C2B99E**, and **59533C** is the 20% darker color. If you saturate the color by 10%, you get **8C815D**, and if you desaturate by 10%, it is **8C8779**.

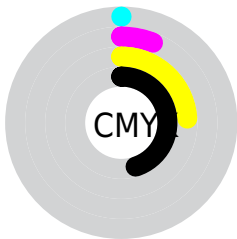
# Distribution



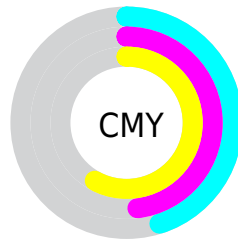
- Red (55%)
- Green (52%)
- Blue (42%)



- Red (46%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C846B 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 8C846B by changing the saturation by 10% instead.





8C846B



8C846B

FFFFFF



726B53



C2B99E



59533C



DED5B9



423C26



FBF1D5



2B2611



FFFFF2



161100



000000



8C846B



8C846B



8C815D



8C8779



8C7D4F



8C8B87

 8C7A41

 8C8E95

 8C7633

 8C92A3

 8C7325

 8C95B1

 8C7017

 8C98BF

 8C6C09

 8C9CCD

 8C6A00

 8C9FDB

 8CA3E9

# Harmonies

## Analogous

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



98806E



8C846B



7E886F

# Triad

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



8C846B



628B92



977D8F

# Complementary

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



8C846B



6B738C

# 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.



898099



8C846B



6A889B

# Square

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



8C846B



658C86



79859D



9E7B82

# Rectangle

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



8C846B



748A75



79859D



937E93



# Sweetspot

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



8C846B



B5B2A8



8C6B73



5C5A54



DBDBDB



5C5C5C



# Same Dimension

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



8C846B



B5A982



848C6B



45433E



856400



050400



# Inverse Universe

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



6B738C



828FB5



736B8C



3E4045



002085



000105



# Previews

## White Background



This preview shows how the Hex color 8C846B looks on a white background.

## Color Contrast Check

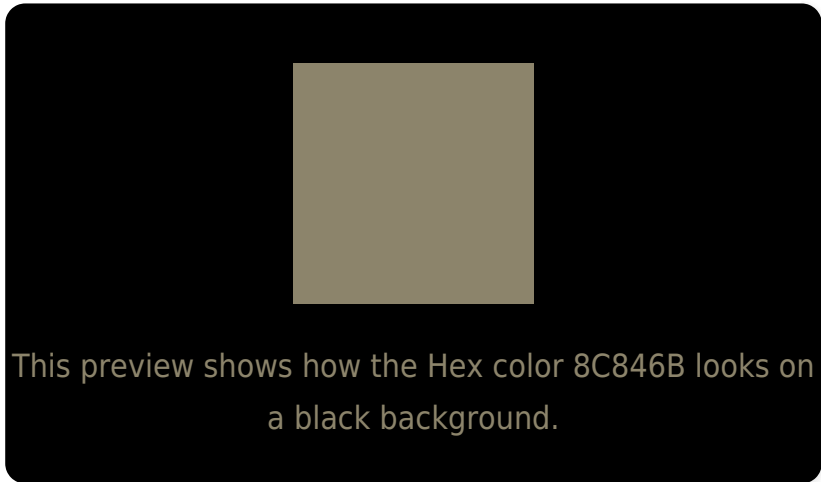
Large Text (above 18pt) WCAG AA ✓ Pass

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

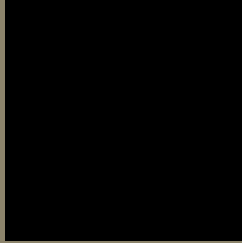
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C846B Background



This preview shows how black text looks on a background with the Hex color 8C846B.



This preview shows how white text looks on a background with the Hex color 8C846B.

# 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**  
8C846B

**Protanopia**  
8C846B

**Deuteranopia**  
997F6C



**Tritanopia**  
90808A

# Trichromacy



**Original Color**  
8C846B

**Protanomaly**  
8C846B

**Deuteranomaly**  
94816C

**Tritanomaly**  
8F817F

# Monochromacy



**Original Color**  
8C846B

**Achromatopsia**  
848484

**Achromatomaly**  
87847B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C846B 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 #8C846B looks like.

```
.text, #text, p{  
    color:#8C846B  
}
```

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 #8C846B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C846B
}
```

## Border

The CSS property to change the border of an element to Hex 8C846B 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
#8C846B }
```

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

```
.border{ border-color:#8C846B }
```

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

Here you see how a box with a 4 pixel #8C846B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C846B; -webkit-box-shadow:4px 4px  
4px 4px #8C846B; box-shadow:4px 4px 4px  
4px #8C846B }
```

# Background

The CSS property to change the background color of an element to Hex 8C846B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C846B }
```

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

```
.background{ background-color:#8C846B }
```

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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