

# Converting Colors

Hex(846A6B)

Have a look what the booklet for  
Hex(846A6B) contains.

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# Color

**Hex(846A6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	846A6B
RGB	132, 106, 107
RGB Percent	52%, 42%, 42%
CMY	0.4824, 0.5843, 0.5804
CMYK	0.00, 0.20, 0.19, 0.48
HSL	358°, 11%, 47%
HSV	358°, 20%, 52%
XYZ	17.3236, 16.2751, 16.1383
YIQ	113.8880, 15.1750, 5.8230

# Conversions

## Conversions Part 2

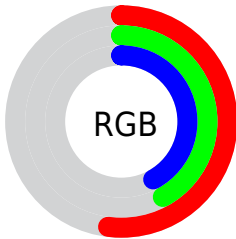
Format	Color
<a href="#">RYB</a>	<a href="#">132, 106, 107</a>
Decimal	<a href="#">8677995</a>
CIELab	<a href="#">47.33, 10.50, 3.35</a>
CIElCh	<a href="#">47, 11.023, 17.707</a>
Yxy	<a href="#">16.2751, 0.3483, 0.3272</a>
Android (android.graphics.Color)	<a href="#">4286868075</a> (0xFF846A6B)
YUV	<a href="#">113.8880, -3.3958, 15.8842</a>
Hunter-Lab	<a href="#">40.3425, 6.0510, 4.5218</a>

# Details

The Hex color **846A6B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A8483**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B99D9E**, and **523B3C** is the 20% darker color. If you saturate the color by 10%, you get **845D5E**, and if you desaturate by 10%, it is **847778**.

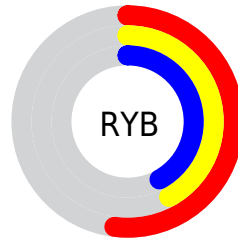
# Distribution



Red (52%)

Green (42%)

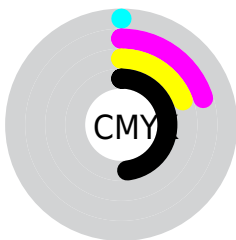
Blue (42%)



Red (52%)

Yellow (42%)

Blue (42%)

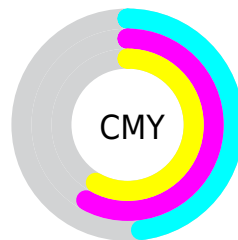


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846A6B 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 846A6B by changing the saturation by 10% instead.





846A6B



846A6B

FFFFFF



6B5253



B99D9E



523B3C



D5B8B9



3B2526



F2D4D5



241111



FFF0F1



000000



846A6B



846A6B



845D5E



847778



845052



848484



844245



849291

 843538

 849F9E

 84282C

 84ACAA

 841B1F

 84B9B7

 840E12

 84C6C4

 840005

 84D4D1

 84E1DD

# Harmonies

## Analogous

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



816A74



846A6B



826C63

# Triad

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



846A6B



677464



627282

# Complementary

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



846A6B



6A8483

# 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.



5A757E



846A6B



5E756C

# Square

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



846A6B



72715F



587676



6D6F82

# Rectangle

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



846A6B



7E6D5F



587676



5E7381



# Sweetspot

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



846A6B



ABA1A1



836A84



575151



D6D6D6



575757



# Same Dimension

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



846A6B



AB8283



84766A



423C3C



820005



030000



# Inverse Universe

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



846A6B



AB8283



6A7884



423C3C



820005



030000



# Previews

## White Background



This preview shows how the Hex color 846A6B looks on a white background.

## Color Contrast Check

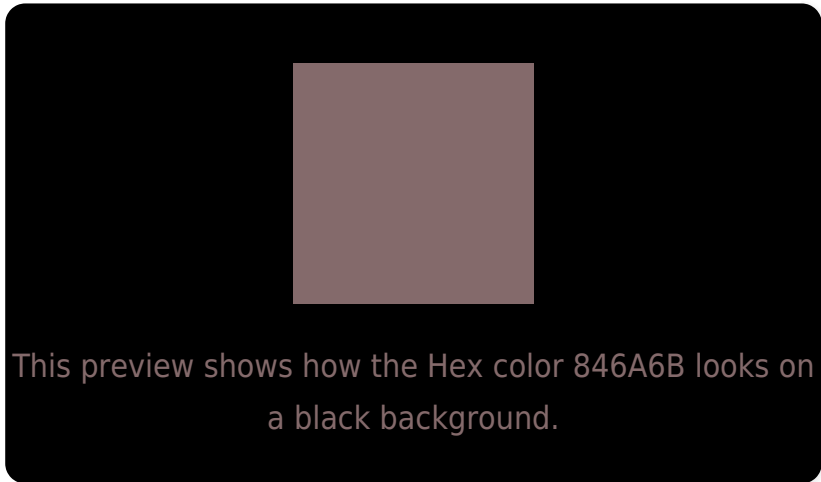
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 846A6B Background



This preview shows how black text looks on a background with the Hex color 846A6B.

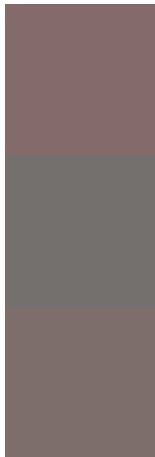


This preview shows how white text looks on a background with the Hex color 846A6B.

# 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**  
846A6B

**Protanopia**  
73706E

**Deuteranopia**  
7D6D6B



**Tritanopia**  
856971

# Trichromacy



**Original Color**  
846A6B

**Protanomaly**  
796E6D

**Deuteranomaly**  
806C6B

**Tritanomaly**  
85696F

# Monochromacy



**Original Color**  
846A6B

**Achromatopsia**  
727272

**Achromatomaly**  
796F6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846A6B 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 #846A6B looks like.

```
.text, #text, p{  
    color:#846A6B  
}
```

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 #846A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846A6B
}
```

## Border

The CSS property to change the border of an element to Hex 846A6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

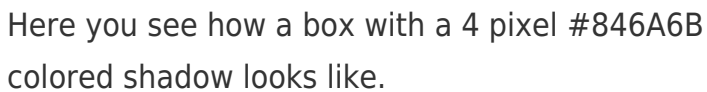
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846A6B }
```

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

```
.border{ border-color:#846A6B }
```

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



Here you see how a box with a 4 pixel #846A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846A6B; -webkit-box-shadow:4px 4px  
4px 4px #846A6B; box-shadow:4px 4px 4px  
4px #846A6B }
```

# Background

The CSS property to change the background color of an element to Hex 846A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846A6B }
```

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

```
.background{ background-color:#846A6B }
```

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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