

# Converting Colors

Hex(847C67)

Have a look what the booklet for  
Hex(847C67) contains.

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# Color

Hex(847C67)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847C67
RGB	132, 124, 103
RGB Percent	52%, 49%, 40%
CMY	0.4824, 0.5137, 0.5961
CMYK	0.00, 0.06, 0.22, 0.48
HSL	43°, 12%, 46%
HSV	43°, 22%, 52%
XYZ	19.1716, 20.3001, 15.7398
YIQ	123.9980, 11.5090, -4.8350

# Conversions

## Conversions Part 2

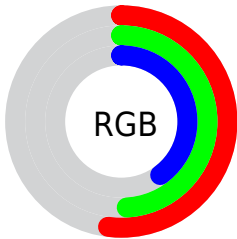
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 132, 103
Decimal	8682599
CIELab	52.17, -0.63, 12.58
CIELCh	52, 12.594, 92.850
Yxy	20.3001, 0.3472, 0.3677
Android (android.graphics.Color)	4286872679 (0xFF847C67)
YUV	123.9980, -10.3520, 7.0178
Hunter-Lab	45.0556, -2.8941, 10.8265

# Details

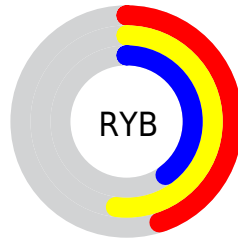
The Hex color **847C67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676F84**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B9B09A**, and **524B38** is the 20% darker color. If you saturate the color by 10%, you get **84785A**, and if you desaturate by 10%, it is **848074**.

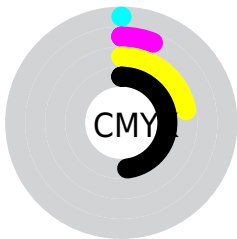
# Distribution



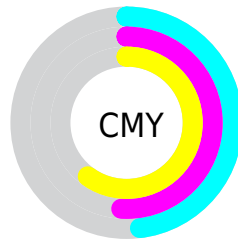
- Red (52%)
- Green (49%)
- Blue (40%)



- Red (45%)
- Yellow (52%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847C67 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 847C67 by changing the saturation by 10% instead.





847C67



847C67

FFFFFF



6B634F



B9B09A



524B38



D5CCB5



3B3522



F2E8D1



25200D



FF FFED



0B0800



000000



847C67



847C67



84785A



848074



84754D



848381

■ 84713F

■ 84878F

■ 846D32

■ 848B9C

■ 846A25

■ 848EA9

■ 846618

■ 8492B6

■ 84630B

■ 8495C3

■ 846000

■ 8499D1

■ 849DDE

# Harmonies

## Analogous

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



8E786A



847C67



787F6A

# Triad

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



847C67



608288



8C7686

# Complementary

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



847C67



676F84

# 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.



80798F



847C67



66808F

# Square

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



847C67



63837D



727D92



92757C

# Rectangle

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



847C67



70816F



727D92



88778A



# Sweetspot

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



847C67



ABA89F



84676F



575550



D6D6D6



575757



# Same Dimension

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



847C67



AB9F7E



7E8467



42403C



825E00



030200



# Inverse Universe

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



676F84



7E8BAB



6D6784



3C3D42



002482



000103



# Previews

## White Background



This preview shows how the Hex color 847C67 looks on a white background.

## Color Contrast Check

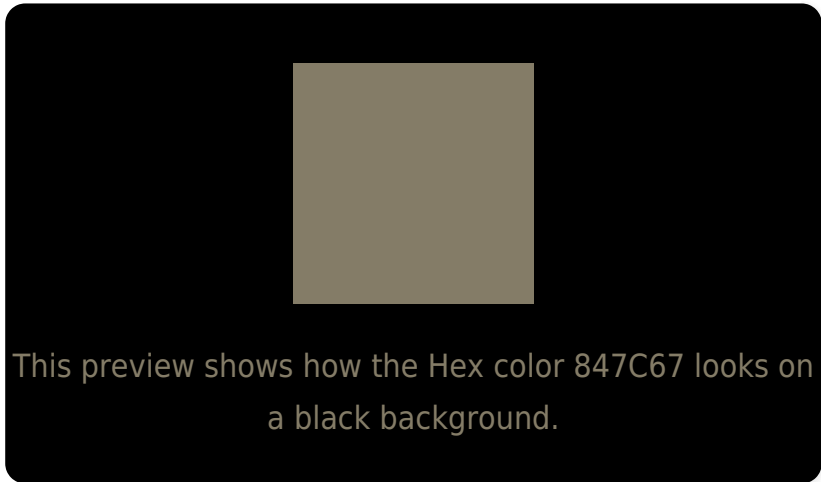
Large Text (above 18pt) WCAG AA ✓ Pass

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

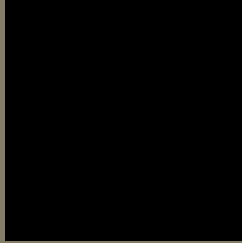
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847C67 Background



This preview shows how black text looks on a background with the Hex color 847C67.



This preview shows how white text looks on a background with the Hex color 847C67.

# 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**

847C67

**Protanopia**

837C67

**Deuteranopia**

907868



**Tritanopia**  
877882

# Trichromacy



**Original Color**

847C67

**Protanomaly**

837C67

**Deuteranomaly**

8C7968

**Tritanomaly**

867978

# Monochromacy



**Original Color**

847C67

**Achromatopsia**

7C7C7C

**Achromatomaly**

7F7C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847C67 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 #847C67 looks like.

```
.text, #text, p{  
    color:#847C67  
}
```

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 #847C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847C67
}
```

## Border

The CSS property to change the border of an element to Hex 847C67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

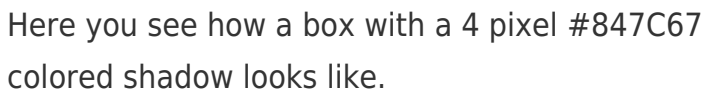
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847C67 }
```

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

```
.border{ border-color:#847C67 }
```

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



Here you see how a box with a 4 pixel #847C67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847C67; -webkit-box-shadow:4px 4px  
4px 4px #847C67; box-shadow:4px 4px 4px  
4px #847C67 }
```

# Background

The CSS property to change the background color of an element to Hex 847C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847C67 }
```

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

```
.background{ background-color:#847C67 }
```

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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