

# Converting Colors

Hex(867A6E)

Have a look what the booklet for  
Hex(867A6E) contains.

<b>Hex(867A6E)</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(867A6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	867A6E
RGB	134, 122, 110
RGB Percent	53%, 48%, 43%
CMY	0.4745, 0.5216, 0.5686
CMYK	0.00, 0.09, 0.18, 0.47
HSL	30°, 10%, 48%
HSV	30°, 18%, 53%
XYZ	19.6055, 20.1132, 17.6008
YIQ	124.2200, 11.0040, -1.1880

# Conversions

## Conversions Part 2

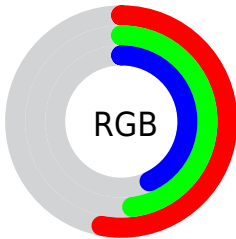
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 134, 110
Decimal	8813166
CIE Lab	51.96, 2.47, 8.23
CIE LCh	52, 8.596, 73.270
Yxy	20.1132, 0.3420, 0.3509
Android (android.graphics.Color)	4287003246 (0xFF867A6E)
YUV	124.2200, -7.0105, 8.5771
Hunter-Lab	44.8477, -0.4509, 8.1247

# Details

The Hex color **867A6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7A86**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BBAEA2**, and **54493E** is the 20% darker color. If you saturate the color by 10%, you get **867361**, and if you desaturate by 10%, it is **86817B**.

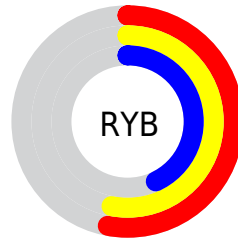
# Distribution



Red (53%)

Green (48%)

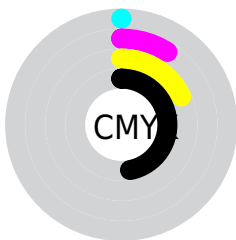
Blue (43%)



Red (53%)

Yellow (53%)

Blue (43%)

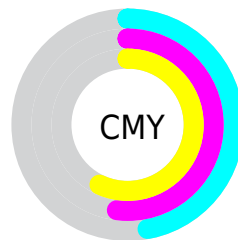


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 867A6E 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 867A6E by changing the saturation by 10% instead.



 867A6E

 867A6E

FFFFFF

 6D6156

 BBAEA2

 54493E

 D7CABD

 3D3329

 F4E6D8

 271E14

 FFFFF5

 100500

 000000

 867A6E

 867A6E

 867361

 86817B

 866D53

 868789

866646

868E96

865F38

8695A4

86592B

869CB1

86521E

86A2BE

864B10

86A9CC

864403

86B0D9

864300

86B6E7

# Harmonies

## Analogous

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



8B7872



867A6E



7F7C6E

# Triad

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



867A6E



6A807F



817987

# Complementary

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



867A6E



6E7A86

# 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.



787B8A



867A6E



6A8086

# Square

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



867A6E



6E8077



707E8A



887780

# Rectangle

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



867A6E



797E70



707E8A



7E7A88



# Sweetspot

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



867A6E



ADA9A5



866E7A



575451



D6D6D6



575757



# Same Dimension

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



867A6E



AD9B89



86866E



423F3C



824100



030100



# Inverse Universe

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



6E7A86



899BAD



6E6E86



3C3F42



004182



000103



# Previews

## White Background



This preview shows how the Hex color 867A6E looks on a white background.

## Color Contrast Check

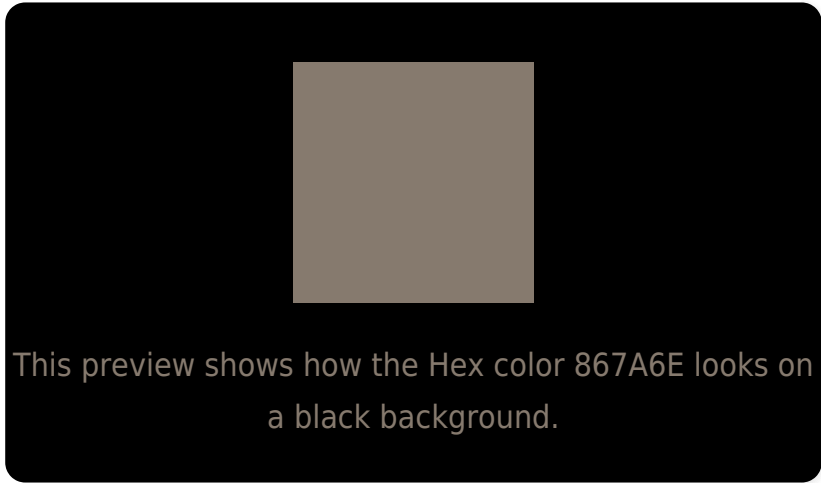
Large Text (above 18pt) WCAG AA ✓ Pass

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

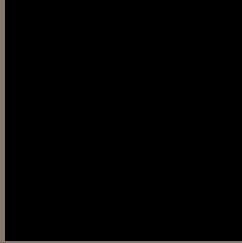
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

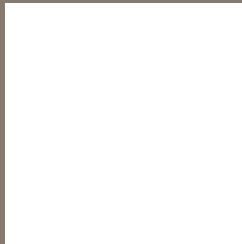
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 867A6E Background



This preview shows how black text looks on a background with the Hex color 867A6E.



This preview shows how white text looks on a background with the Hex color 867A6E.

# 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**

867A6E

**Protanopia**

817C6F

**Deuteranopia**

8D776E



**Tritanopia**  
887781

# Trichromacy



**Original Color**  
867A6E

**Protanomaly**  
837B6F

**Deuteranomaly**  
8A786E

**Tritanomaly**  
87787A

# Monochromacy



**Original Color**  
867A6E

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
807B77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 867A6E 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 #867A6E looks like.

```
.text, #text, p{  
    color:#867A6E  
}
```

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 #867A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867A6E
}
```

## Border

The CSS property to change the border of an element to Hex 867A6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

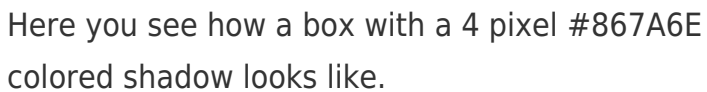
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#867A6E }
```

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

```
.border{ border-color:#867A6E }
```

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



Here you see how a box with a 4 pixel #867A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867A6E; -webkit-box-shadow:4px 4px  
4px 4px #867A6E; box-shadow:4px 4px 4px  
4px #867A6E }
```

# Background

The CSS property to change the background color of an element to Hex 867A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867A6E }
```

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

```
.background{ background-color:#867A6E }
```

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