

# Converting Colors

Hex(8C837E)

Have a look what the booklet for  
Hex(8C837E) contains.

<b>Hex(8C837E)</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(8C837E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C837E
RGB	140, 131, 126
RGB Percent	55%, 51%, 49%
CMY	0.4510, 0.4863, 0.5059
CMYK	0.00, 0.06, 0.10, 0.45
HSL	21°, 6%, 52%
HSV	21°, 10%, 55%
XYZ	22.6974, 23.3144, 23.0425
YIQ	133.1210, 6.9690, 0.3530

# Conversions

## Conversions Part 2

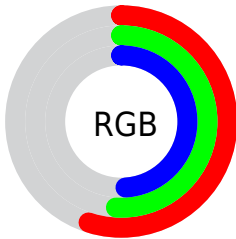
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 134, 126
Decimal	9208702
CIE <sub>Lab</sub>	55.39, 2.47, 3.91
CIE <sub>LCh</sub>	55, 4.624, 57.723
Yxy	23.3144, 0.3287, 0.3376
Android (android.graphics.Color)	4287398782 (0xFF8C837E)
YUV	133.1210, -3.5107, 6.0329
Hunter-Lab	48.2850, -0.5909, 5.5052

# Details

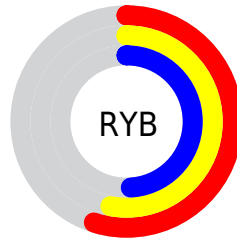
The Hex color **8C837E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E878C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C2B8B3**, and **5A524D** is the 20% darker color. If you saturate the color by 10%, you get **8C7A70**, and if you desaturate by 10%, it is **8C8C8C**.

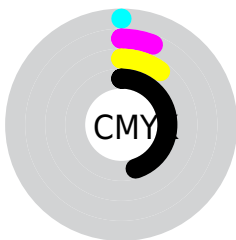
# Distribution



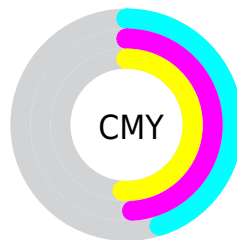
- Red (55%)
- Green (51%)
- Blue (49%)



- Red (55%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (45%)



- Cyan (45%)
- Magenta (49%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C837E 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 8C837E by changing the saturation by 10% instead.



■ 8C837E

■ 8C837E

FFFFFF

■ 726A65

■ C2B8B3

■ 5A524D

■ DDD4CE

■ 423B36

■ FAF0EA

■ 2C2521

■ 18100A

■ 000000

■ 8C837E

■ 8C837E

■ 8C7A70

■ 8C8C8C

■ 8C7162

■ 8C959A

 8C6854

 8C9EA8

 8C5F46

 8CA7B6

 8C5638

 8CB0C4

 8C4D2A

 8CB9D2

 8C441C

 8CC2E0

 8C3B0E

 8CCBEE

 8C3200

 8CD4FC

# Harmonies

## Analogous

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



8E8281



8C837E



88847D

# Triad

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



8C837E



7C8784



85848C

# Complementary

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



8C837E



7E878C

# 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.



80858D



8C837E



7B8788

# Square

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



8C837E



7F8780



7D868B



8A8389

# Rectangle

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



8C837E



85857D



7D868B



84848C



# Sweetspot

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



8C837E



B5B2B0



8C7E87



5C5958



DBDBDB



5C5C5C



# Same Dimension

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



8C837E



B5A79F



8C8A7E



45403E



852F00



050200



# Inverse Universe

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



7E878C



9FADB5



7E808C



3E4245



005585



000305



# Previews

## White Background



This preview shows how the Hex color 8C837E looks on a white background.

## Color Contrast Check

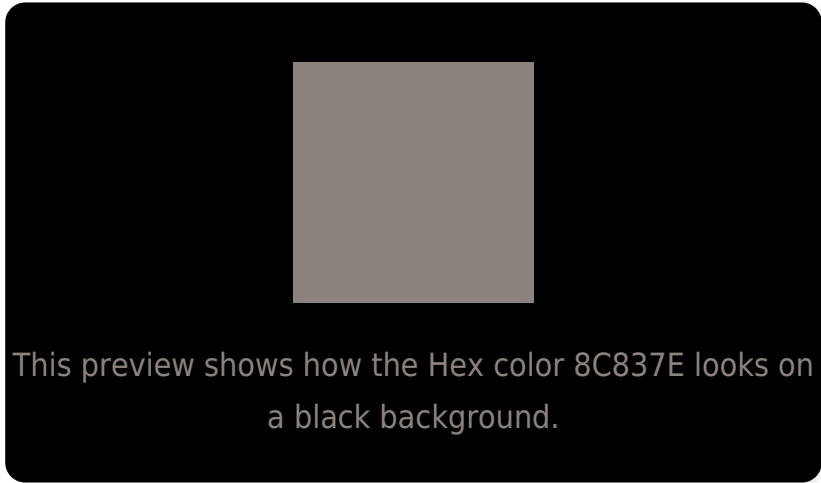
Large Text (above 18pt) WCAG AA ✓ Pass

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

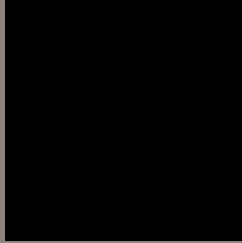
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C837E Background



This preview shows how black text looks on a background with the Hex color 8C837E.



This preview shows how white text looks on a background with the Hex color 8C837E.

# 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**  
8C837E

**Protanopia**  
88847F

**Deuteranopia**  
94807F



**Tritanopia**  
8E818B

# Trichromacy



**Original Color**  
8C837E

**Protanomaly**  
89847F

**Deuteranomaly**  
91817F

**Tritanomaly**  
8D8286

# Monochromacy



**Original Color**  
8C837E

**Achromatopsia**  
858585

**Achromatomaly**  
888482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C837E 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 #8C837E looks like.

```
.text, #text, p{  
    color:#8C837E  
}
```

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 #8C837E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C837E
}
```

## Border

The CSS property to change the border of an element to Hex 8C837E is called "border". The border property can be set on classes, ids or directly on the HTML element.

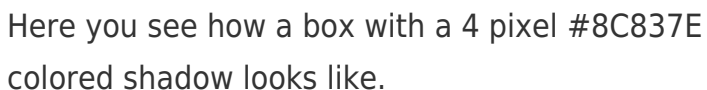
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C837E }
```

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

```
.border{ border-color:#8C837E }
```

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



Here you see how a box with a 4 pixel #8C837E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C837E; -webkit-box-shadow:4px 4px  
4px 4px #8C837E; box-shadow:4px 4px 4px  
4px #8C837E }
```

# Background

The CSS property to change the background color of an element to Hex 8C837E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C837E }
```

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

```
.background{ background-color:#8C837E }
```

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