

Converting Colors

Hex(8C786E)

Have a look what the booklet for
Hex(8C786E) contains.

Hex(8C786E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8C786E)

Conversions

Conversions Part 1

Format	Color
Hex	8C786E
RGB	140, 120, 110
RGB Percent	55%, 47%, 43%
CMY	0.4510, 0.5294, 0.5686
CMYK	0.00, 0.14, 0.21, 0.45
HSL	20°, 12%, 49%
HSV	20°, 21%, 55%
XYZ	20.3462, 20.1342, 17.5658
YIQ	124.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

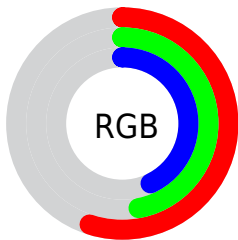
Format	Color
R_{YB}	140, 125, 110
Decimal	9205870
CIE Lab	51.99, 6.05, 8.35
CIE LCh	52, 10.306, 54.074
Yxy	20.1342, 0.3505, 0.3469
Android (android.graphics.Color)	4287395950 (0xFF8C786E)
YUV	124.8400, -7.3161, 13.2953
Hunter-Lab	44.8711, 2.4138, 8.1994

Details

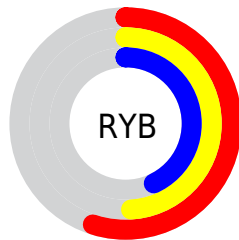
The Hex color **8C786E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E828C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C2ACA2**, and **59483E** is the 20% darker color. If you saturate the color by 10%, you get **8C6F60**, and if you desaturate by 10%, it is **8C817C**.

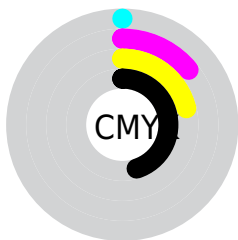
Distribution



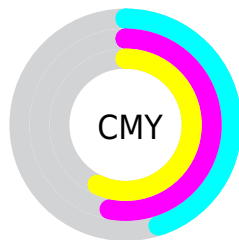
- Red (55%)
- Green (47%)
- Blue (43%)



- Red (55%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C786E 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 8C786E by changing the saturation by 10% instead.



8C786E



8C786E

FFFFFF



725F56



C2ACA2



59483E



DEC8BD



423129



FBE4D8



2B1C14



FFFFF5



160200



000000



8C786E



8C786E



8C6F60



8C817C



8C6552



8C8B8A

 8C5C44

 8C9498

 8C5336

 8C9DA6

 8C4928

 8CA7B4

 8C401A

 8CB0C2

 8C370C

 8CB9D0

 8C2F00

 8CC3DE

 8CCCEC

Harmonies

Analogous

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



8F7675



8C786E



857B6B

Triad

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



8C786E



69817A



7C7A8C

Complementary

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



8C786E



6E828C

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.



707D8D



8C786E



658183

Square

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



8C786E



718071



68808A



867886

Rectangle

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



8C786E



7F7D6B



68808A



787B8D

Sweetspot

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



8C786E



B5AEAA



8C6E82



5C5855



DBDBDB



5C5C5C

Same Dimension

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



8C786E



B59686



8C876E



45403E



852C00



050200

Inverse Universe

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



6E828C



86A5B5



6E748C



3E4345



005885



000305

Previews

White Background



This preview shows how the Hex color 8C786E looks on a white background.

Color Contrast Check

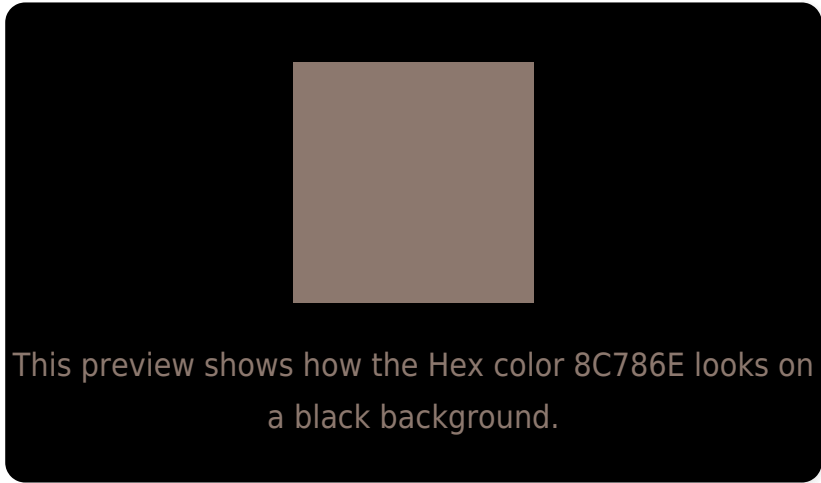
Large Text (above 18pt) WCAG AA ✓ Pass

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

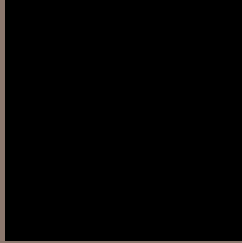
Any Text WCAG AA ✓ Pass

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 8C786E Background



This preview shows how black text looks on a background with the Hex color 8C786E.



This preview shows how white text looks on a background with the Hex color 8C786E.

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](#).

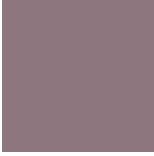
Dichromacy



Original Color
8C786E

Protanopia
817C70

Deuteranopia
8D786E



Tritanopia
8E767F

Trichromacy



Original Color
8C786E

Protanomaly
857B6F

Deuteranomaly
8D786E

Tritanomaly
8D7779

Monochromacy



Original Color
8C786E

Achromatopsia
7D7D7D

Achromatomaly
827B78

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C786E 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 #8C786E looks like.

```
.text, #text, p{  
    color:#8C786E  
}
```

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 #8C786E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C786E
}
```

Border

The CSS property to change the border of an element to Hex 8C786E is called "border". The border property can be set on classes, ids or directly on the HTML element.

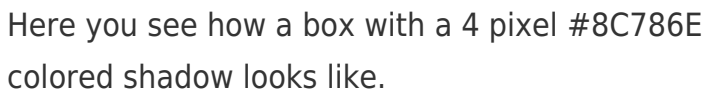
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C786E }
```

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

```
.border{ border-color:#8C786E }
```

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



Here you see how a box with a 4 pixel #8C786E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C786E; -webkit-box-shadow:4px 4px  
4px 4px #8C786E; box-shadow:4px 4px 4px  
4px #8C786E }
```

Background

The CSS property to change the background color of an element to Hex 8C786E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C786E }
```

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

```
.background{ background-color:#8C786E }
```

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