

Converting Colors

Hex(8C785B)

Have a look what the booklet for
Hex(8C785B) contains.

| | |
|--|----|
| Hex(8C785B) | 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(8C785B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8C785B |
| RGB | 140, 120, 91 |
| RGB Percent | 55%, 47%, 36% |
| CMY | 0.4510, 0.5294, 0.6431 |
| CMYK | 0.00, 0.14, 0.35, 0.45 |
| HSL | 36°, 21%, 45% |
| HSV | 36°, 35%, 55% |
| XYZ | 19.4200, 19.7637, 12.6888 |
| YIQ | 122.6740, 21.2290, -4.7790 |

Conversions

Conversions Part 2

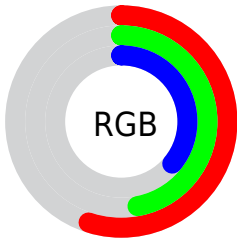
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 125, 140, 91 |
| Decimal | 9205851 |
| CIE _{Lab} | 51.57, 3.25, 18.81 |
| CIE _{LCh} | 52, 19.086, 80.207 |
| Yxy | 19.7637, 0.3744, 0.3810 |
| Android (android.graphics.Color) | 4287395931 (0xFF8C785B) |
| YUV | 122.6740, -15.6153, 15.1949 |
| Hunter-Lab | 44.4564, 0.1759, 14.1969 |

Details

The Hex color **8C785B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B6F8C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C2AC8D**, and **59482D** is the 20% darker color. If you saturate the color by 10%, you get **8C724D**, and if you desaturate by 10%, it is **8C7E69**.

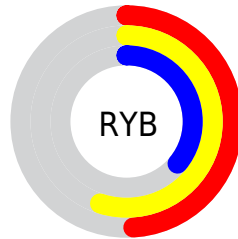
Distribution



Red (55%)

Green (47%)

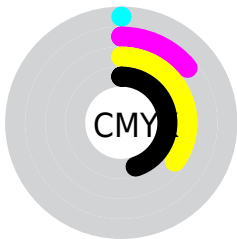
Blue (36%)



Red (49%)

Yellow (55%)

Blue (36%)

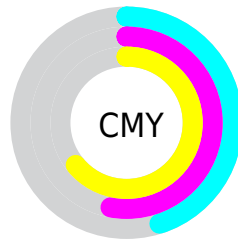


Cyan (0%)

Magenta (14%)

Yellow (35%)

Black (45%)



Cyan (45%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C785B 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 8C785B by changing the saturation by 10% instead.



8C785B



8C785B

FFFFFF



725F43



C2AC8D



59482D



DFC7A8



413118



FBE4C3



2B1C00



FFFFDF



100300



FFFFFC



000000



8C785B



8C785B



8C724D



8C7E69



8C6D3F



8C8377

 8C6731

 8C8985

 8C6123

 8C8F93

 8C5B15

 8C95A1

 8C5607

 8C9AAF

 8C5300

 8CA0BD

 8CA6CB

 8CABD9

Harmonies

Analogous

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



987362



8C785B



7B7D5C

Triad

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



8C785B



4C8486



8B7390

Complementary

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



8C785B



5B6F8C

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.



767999



8C785B



4F8293

Square

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



8C785B



578475



607E9B



987081

Rectangle

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



8C785B



6F8062



607E9B



857594

Sweetspot

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



8C785B



B5ADA1



8C5B6F



5C5750



DBDBDB



5C5C5C

Same Dimension

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



8C785B



B59669



888C5B



45423E



854E00



050300

Inverse Universe

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



5B6F8C



6988B5



5F5B8C



3E4145



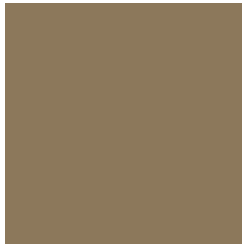
003685



000205

Previews

White Background



This preview shows how the Hex color 8C785B 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

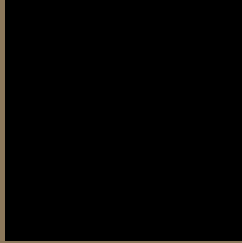
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

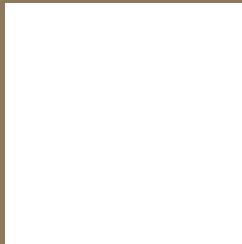
Any Text WCAG AAA × Fail

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

Hex 8C785B Background



This preview shows how black text looks on a background with the Hex color 8C785B.



This preview shows how white text looks on a background with the Hex color 8C785B.

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
8C785B

Protanopia
847B5C

Deuteranopia
91765B



Tritanopia
90747D

Trichromacy



Original Color
8C785B

Protanomaly
877A5C

Deuteranomaly
8F775B

Tritanomaly
8F7571

Monochromacy



Original Color
8C785B

Achromatopsia
7B7B7B

Achromatomaly
817A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C785B 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 #8C785B looks like.

```
.text, #text, p{  
    color:#8C785B  
}
```

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 #8C785B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C785B
}
```

Border

The CSS property to change the border of an element to Hex 8C785B 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
#8C785B }
```

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

```
.border{ border-color:#8C785B }
```

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

Here you see how a box with a 4 pixel #8C785B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C785B; -webkit-box-shadow:4px 4px  
4px 4px #8C785B; box-shadow:4px 4px 4px  
4px #8C785B }
```

Background

The CSS property to change the background color of an element to Hex 8C785B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C785B }
```

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

```
.background{ background-color:#8C785B }
```

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