

Converting Colors

Hex(8E683C)

Have a look what the booklet for
Hex(8E683C) contains.

Hex(8E683C)	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(8E683C)

Conversions

Conversions Part 1

Format	Color
Hex	8E683C
RGB	142, 104, 60
RGB Percent	56%, 41%, 24%
CMY	0.4431, 0.5922, 0.7647
CMYK	0.00, 0.27, 0.58, 0.44
HSL	32°, 41%, 40%
HSV	32°, 58%, 56%
XYZ	16.9213, 15.9777, 6.4671
YIQ	110.3460, 36.7720, -5.6280

Conversions

Conversions Part 2

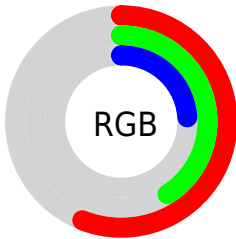
Format	Color
RYB	131, 142, 60
Decimal	9332796
CIELab	46.95, 9.96, 30.49
CIElCh	47, 32.079, 71.908
Yxy	15.9777, 0.4298, 0.4059
Android (android.graphics.Color)	4287522876 (0xFF8E683C)
YUV	110.3460, -24.8206, 27.7606
Hunter-Lab	39.9721, 5.6128, 18.3879

Details

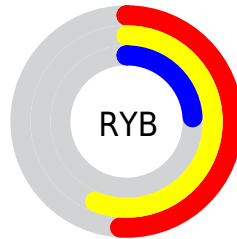
The Hex color **8E683C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C628E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **C69B6C**, and **59390F** is the 20% darker color. If you saturate the color by 10%, you get **8E612E**, and if you desaturate by 10%, it is **8E6F4A**.

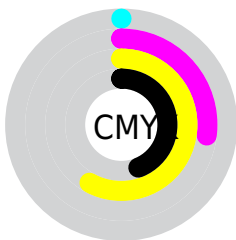
Distribution



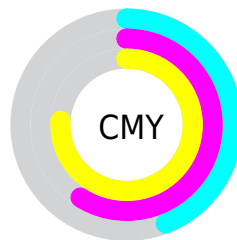
- Red (56%)
- Green (41%)
- Blue (24%)



- Red (51%)
- Yellow (56%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (58%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E683C 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 8E683C by changing the saturation by 10% instead.

 8E683C

 8E683C

FFFFFF

 735025

 C69B6C

 59390F

 E3B686

 402300

 FFD1A0

 270F00

 FFEBC

 000000

 FFFFD8

 FFFFF4

 8E683C

 8E683C

 8E612E

 8E6F4A

■ 8E5B20

■ 8E7558

■ 8E5411

■ 8E7C67

■ 8E4E03

■ 8E8275

■ 8E4C00

■ 8E8983

■ 8E8F91

■ 8E969F

■ 8E9DAE

■ 8EA3BC

Harmonies

Analogous

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



9E5F4D



8E683C



767139

Triad

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



8E683C



007D79



806498

Complementary

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



8E683C



3C628E

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.



586EA4



8E683C



007C92

Square

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



8E683C



337C5E



1D77A2



995C81

Rectangle

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



8E683C



627640



1D77A2



74689D

Sweetspot

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



8E683C



B8A998



8E3C62



5C5349



DBDBDB



5C5C5C

Same Dimension

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



8E683C



B87D39



8B8E3C



474440



874900



080400

Inverse Universe

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



3C628E



3974B8



3F3C8E



404447



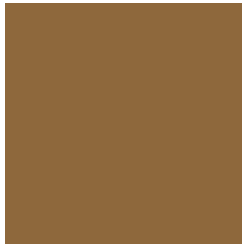
003F87



000408

Previews

White Background



This preview shows how the Hex color 8E683C looks on a white background.

Color Contrast Check

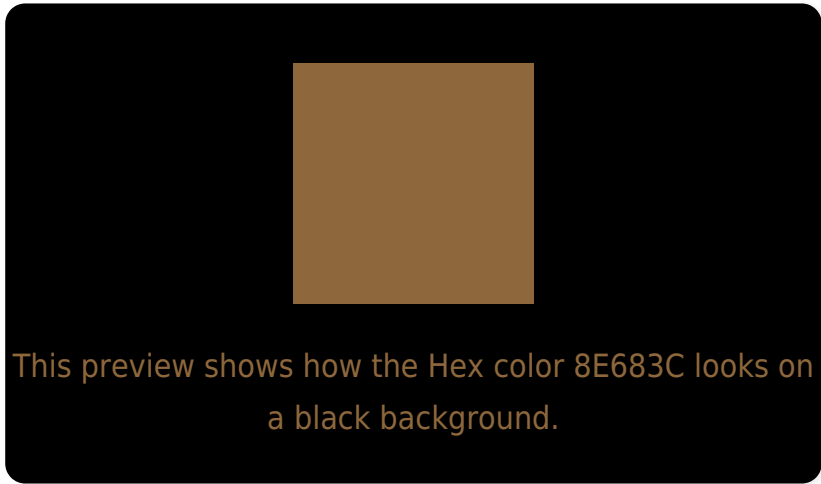
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

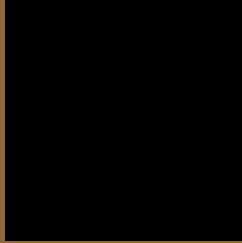
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8E683C Background



This preview shows how black text looks on a background with the Hex color 8E683C.



This preview shows how white text looks on a background with the Hex color 8E683C.

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
8E683C

Protanopia
7B703F

Deuteranopia
896A3B



Tritanopia
92636A

Trichromacy



Original Color
8E683C

Protanomaly
826D3E

Deuteranomaly
8B693B

Tritanomaly
916559

Monochromacy



Original Color
8E683C

Achromatopsia
6E6E6E

Achromatomaly
7A6C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E683C 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 #8E683C looks like.

```
.text, #text, p{  
    color:#8E683C  
}
```

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 #8E683C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E683C
}
```

Border

The CSS property to change the border of an element to Hex 8E683C is called "border". The border property can be set on classes, ids or directly on the HTML element.

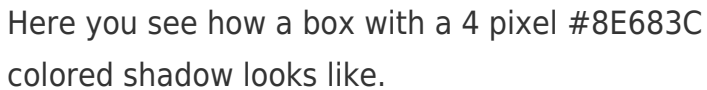
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E683C }
```

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

```
.border{ border-color:#8E683C }
```

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



Here you see how a box with a 4 pixel #8E683C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E683C; -webkit-box-shadow:4px 4px  
4px 4px #8E683C; box-shadow:4px 4px 4px  
4px #8E683C }
```

Background

The CSS property to change the background color of an element to Hex 8E683C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E683C }
```

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

```
.background{ background-color:#8E683C }
```

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