

# Converting Colors

Hex(8C643E)

Have a look what the booklet for  
Hex(8C643E) contains.

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**Color**

**Hex(8C643E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C643E
RGB	140, 100, 62
RGB Percent	55%, 39%, 24%
CMY	0.4510, 0.6078, 0.7569
CMYK	0.00, 0.29, 0.56, 0.45
HSL	29°, 39%, 40%
HSV	29°, 56%, 55%
XYZ	16.2419, 15.0376, 6.6039
YIQ	107.6280, 36.0380, -3.3380

# Conversions

## Conversions Part 2

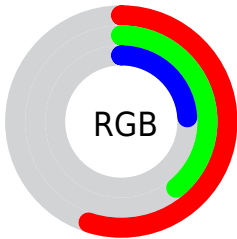
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 136, 62
Decimal	9200702
CIELab	45.69, 11.58, 27.77
CIELCh	46, 30.090, 67.376
Yxy	15.0376, 0.4287, 0.3969
Android (android.graphics.Color)	4287390782 (0xFF8C643E)
YUV	107.6280, -22.4946, 28.3902
Hunter-Lab	38.7783, 6.9007, 17.0478

# Details

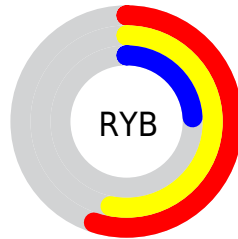
The Hex color **8C643E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E668C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C4976E**, and **573512** is the 20% darker color. If you saturate the color by 10%, you get **8C5D30**, and if you desaturate by 10%, it is **8C6B4C**.

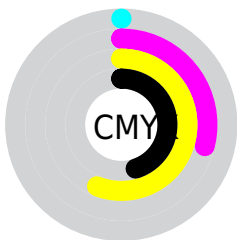
# Distribution



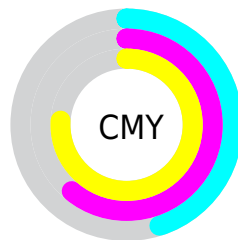
- Red (55%)
- Green (39%)
- Blue (24%)



- Red (55%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (29%)
- Yellow (56%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C643E 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 8C643E by changing the saturation by 10% instead.



 8C643E

 8C643E

FFFFFF

 714C27

 C4976E

 573512

 E1B288

 3E2000

 FECDA2

 250B00

 FFE9BE

 000000

 FFFFD9

 FFFFF6

 8C643E

 8C643E

 8C5D30

 8C6B4C

 8C5622

 8C725A

 8C4E14

 8C7A68

 8C4706

 8C8176

 8C4400

 8C8884

 8C8F92

 8C96A0

 8C9DAE

 8CA5BC

# Harmonies

## Analogous

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



9A5C4F



8C643E



766D39

# Triad

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



8C643E



077972



776394

# Complementary

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



8C643E



3E668C

# 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.



506D9E



8C643E



00788A

# Square

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



8C643E



3B7858



1A749A



915B80

# Rectangle

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



8C643E



65723E



1A749A



6B6699



# Sweetspot

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



8C643E



B5A596



8C3E66



5C5249



DBDBDB



5C5C5C



# Same Dimension

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



8C643E



B5773C



8C8B3E



45413E



854100



050200



# Inverse Universe

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



3E668C



3C7AB5



3E3F8C



3E4145



004485



000305



# Previews

## White Background



This preview shows how the Hex color 8C643E looks on a white background.

## Color Contrast Check

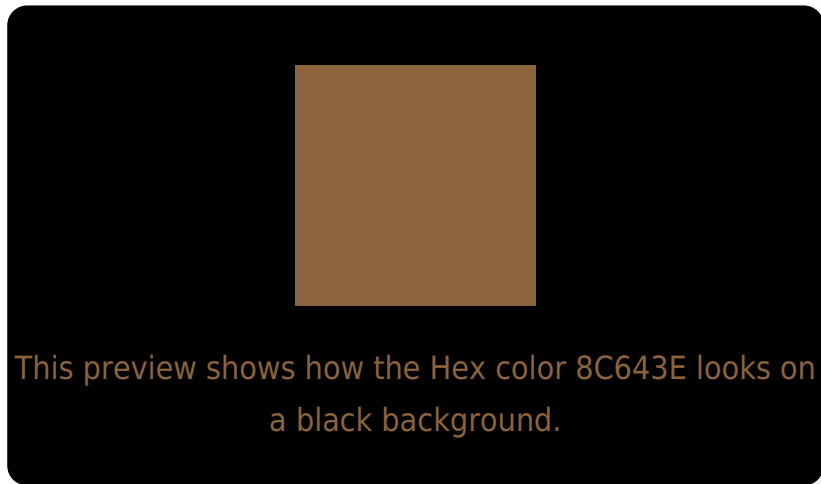
Large Text (above 18pt) WCAG AA ✓ Pass

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

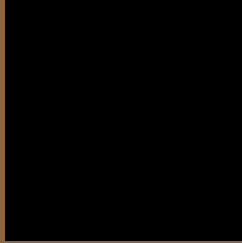
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C643E Background



This preview shows how black text looks on a background with the Hex color 8C643E.



This preview shows how white text looks on a background with the Hex color 8C643E.

# 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**  
8C643E

**Protanopia**  
776D41

**Deuteranopia**  
84673D



**Tritanopia**  
8F5F66

# Trichromacy



**Original Color**  
8C643E

**Protanomaly**  
7F6A40

**Deuteranomaly**  
87663D

**Tritanomaly**  
8E6157

# Monochromacy



**Original Color**  
8C643E

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
78695B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C643E 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 #8C643E looks like.

```
.text, #text, p{  
    color:#8C643E  
}
```

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 #8C643E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C643E
}
```

## Border

The CSS property to change the border of an element to Hex 8C643E is called "border". The border property can be set on classes, ids or directly on the HTML element.

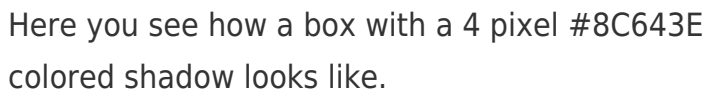
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C643E }
```

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

```
.border{ border-color:#8C643E }
```

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



Here you see how a box with a 4 pixel #8C643E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C643E; -webkit-box-shadow:4px 4px  
4px 4px #8C643E; box-shadow:4px 4px 4px  
4px #8C643E }
```

# Background

The CSS property to change the background color of an element to Hex 8C643E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C643E }
```

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

```
.background{ background-color:#8C643E }
```

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](#).



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