

# Converting Colors

Hex(8C704B)

Have a look what the booklet for  
Hex(8C704B) contains.

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**Color**

**Hex(8C704B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C704B
RGB	140, 112, 75
RGB Percent	55%, 44%, 29%
CMY	0.4510, 0.5608, 0.7059
CMYK	0.00, 0.20, 0.46, 0.45
HSL	34°, 30%, 42%
HSV	34°, 46%, 55%
XYZ	17.8794, 17.6718, 9.1253
YIQ	116.1540, 28.5650, -5.5710

# Conversions

## Conversions Part 2

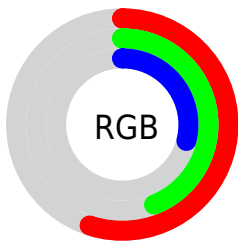
Format	Color
<a href="#">RYB</a>	<a href="#">124, 140, 75</a>
Decimal	<a href="#">9203787</a>
CIELab	<a href="#">49.10, 5.90, 24.71</a>
CIElCh	<a href="#">49, 25.406, 76.561</a>
Yxy	<a href="#">17.6718, 0.4002, 0.3956</a>
Android (android.graphics.Color)	<a href="#">4287393867</a> ( <a href="#">0xFF8C704B</a> )
YUV	<a href="#">116.1540, -20.2889, 20.9129</a>
Hunter-Lab	<a href="#">42.0378, 2.3528, 16.5562</a>

# Details

The Hex color **8C704B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4B678C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C3A47C**, and **58401E** is the 20% darker color. If you saturate the color by 10%, you get **8C6A3D**, and if you desaturate by 10%, it is **8C7659**.

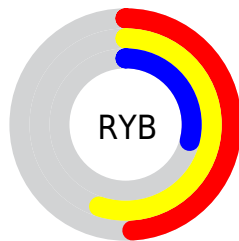
# Distribution



Red (55%)

Green (44%)

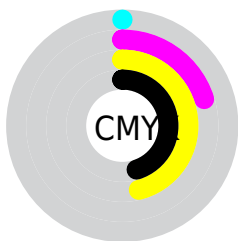
Blue (29%)



Red (49%)

Yellow (55%)

Blue (29%)

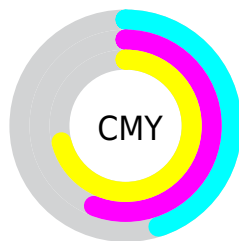


Cyan (0%)

Magenta (20%)

Yellow (46%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C704B 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 8C704B by changing the saturation by 10% instead.





8C704B



8C704B

FFFFFF



725834



C3A47C



58401E



DFBF96



3F2A07



FDDAB1



281600



FFF7CD



050000



FFFFE9



000000



8C704B



8C704B



8C6A3D



8C7659



8C642F



8C7C67

 8C5E21

 8C8275

 8C5813

 8C8883

 8C5205

 8C8E91

 8C5000

 8C949F

 8C9AAD

 8CA0BB

 8CA6C9

# Harmonies

## Analogous

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



9A6956



8C704B



77774B

# Triad

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



8C704B



2E8080



866B92

# Complementary

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



8C704B



4B678C

# 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.



6A739E



8C704B



2D7E93

# Square

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



8C704B



45806A



487A9E



99657F

# Rectangle

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



8C704B



677B51



487A9E



7E6D97



# Sweetspot

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



8C704B



B5AA9C



8C4B67



5C554C



DBDBDB



5C5C5C



# Same Dimension

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



8C704B



B58950



888C4B



45423E



854B00



050300



# Inverse Universe

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



4B678C



507BB5



4F4B8C



3E4145



003985

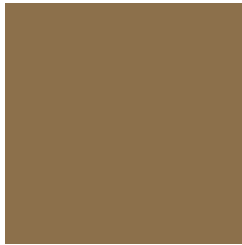


000205



# Previews

## White Background



This preview shows how the Hex color 8C704B looks on a white background.

## Color Contrast Check

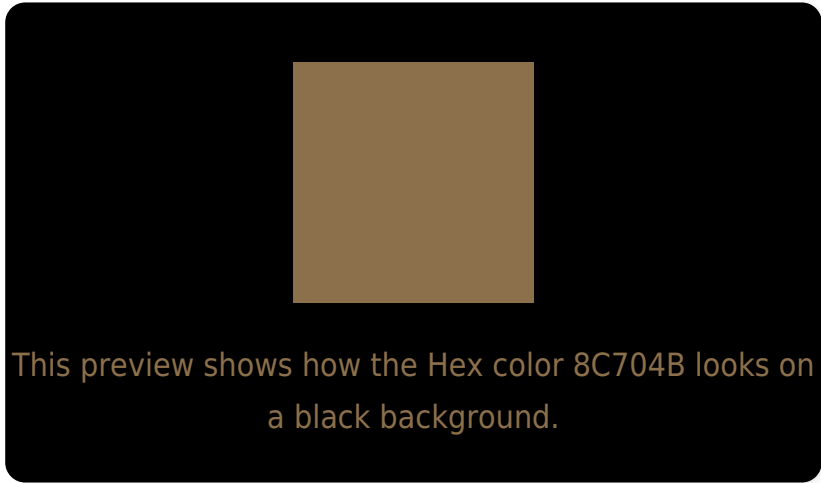
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

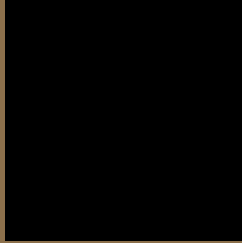
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C704B Background



This preview shows how black text looks on a background with the Hex color 8C704B.



This preview shows how white text looks on a background with the Hex color 8C704B.

# 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**  
8C704B

**Protanopia**  
7F754D

**Deuteranopia**  
8D704B



**Tritanopia**  
906B73

# Trichromacy



**Original Color**  
8C704B

**Protanomaly**  
84734C

**Deuteranomaly**  
8D704B

**Tritanomaly**  
8F6D64

# Monochromacy



**Original Color**  
8C704B

**Achromatopsia**  
747474

**Achromatomaly**  
7D7365

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C704B 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 #8C704B looks like.

```
.text, #text, p{  
    color:#8C704B  
}
```

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 #8C704B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C704B
}
```

## Border

The CSS property to change the border of an element to Hex 8C704B 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
#8C704B }
```

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

```
.border{ border-color:#8C704B }
```

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

Here you see how a box with a 4 pixel #8C704B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C704B; -webkit-box-shadow:4px 4px  
4px 4px #8C704B; box-shadow:4px 4px 4px  
4px #8C704B }
```

# Background

The CSS property to change the background color of an element to Hex 8C704B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C704B }
```

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

```
.background{ background-color:#8C704B }
```

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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