

# Converting Colors

Hex(8C4C3B)

Have a look what the booklet for  
Hex(8C4C3B) contains.

|  |    |
|--|----|
| <b>Hex(8C4C3B)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(8C4C3B)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 8C4C3B                   |
| RGB         | 140, 76, 59              |
| RGB Percent | 55%, 30%, 23%            |
| CMY         | 0.4510, 0.7020, 0.7686   |
| CMYK        | 0.00, 0.46, 0.58, 0.45   |
| HSL         | 13°, 41%, 39%            |
| HSV         | 13°, 58%, 55%            |
| XYZ         | 14.1891, 11.0601, 5.5246 |
| YIQ         | 93.1980, 43.6010, 8.2810 |

# Conversions

## Conversions Part 2

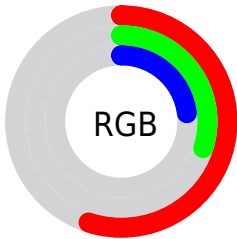
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 140, 81, 59                   |
| Decimal                             | 9194555                       |
| CIE Lab                             | 39.68, 25.24, 21.96           |
| CIE LCh                             | 40, 33.453, 41.031            |
| Yxy                                 | 11.0601, 0.4611,<br>0.3594    |
| Android<br>(android.graphics.Color) | 4287384635<br>(0xFF8C4C3B)    |
| YUV                                 | 93.1980, -16.8596,<br>41.0454 |
| Hunter-Lab                          | 33.2567, 17.9583,<br>13.4304  |

# Details

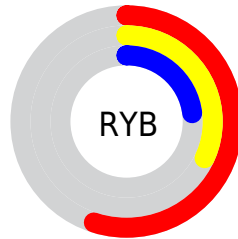
The Hex color **8C4C3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B7B8C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **C57E6B**, and **561E10** is the 20% darker color. If you saturate the color by 10%, you get **8C412D**, and if you desaturate by 10%, it is **8C5749**.

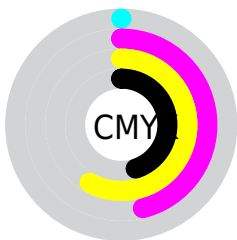
# Distribution



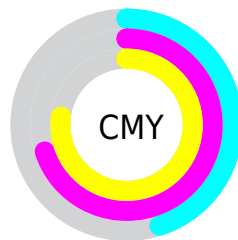
- Red (55%)
- Green (30%)
- Blue (23%)



- Red (55%)
- Yellow (32%)
- Blue (23%)



- Cyan (0%)
- Magenta (46%)
- Yellow (58%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C4C3B 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 8C4C3B by changing the saturation by 10% instead.



 8C4C3B

 8C4C3B

FFFFFF

 713425

 C57E6B

 561E10

 E29884

 3C0600

 FF39E

 250001

 FFCFB9

 000000

 FFEBD5

 FFFFF1

 8C4C3B

 8C4C3B

 8C412D

 8C5749

 8C361F

 8C6257

 8C2B11

 8C6D65

 8C2003

 8C7873

 8C1D00

 8C8381

 8C8E8F

 8C999D

 8CA4AB

 8CB0B9

# Harmonies

## Analogous

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



914654



8C4C3B



7C5629

# Triad

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



8C4C3B



1B6A4B



415D93

# Complementary

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



8C4C3B



3B7B8C

# 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.



006591



8C4C3B



006B67

# Square

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



8C4C3B



466633



006A81



6D5287

# Rectangle

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



8C4C3B



6D5C25



006A81



2D6094



# Sweetspot

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



8C4C3B



B59D96



8C3B7C



5C4D49



DBDBDB



5C5C5C



# Same Dimension

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



8C4C3B



B55238



8C743B



453F3E



851C00



050100



# Inverse Universe

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



3B7B8C



389BB5



3B538C



3E4345



006985



000405



# Previews

## White Background



This preview shows how the Hex color 8C4C3B looks on a white background.

## Color Contrast Check

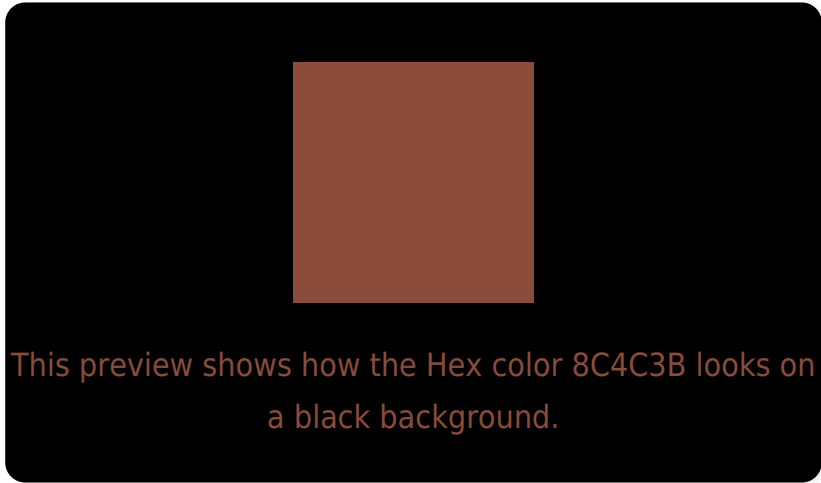
Large Text (above 18pt) WCAG AA ✓ Pass

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

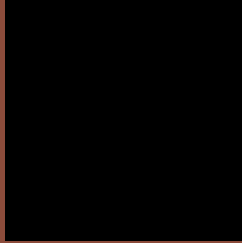
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C4C3B Background



This preview shows how black text looks on a background with the Hex color 8C4C3B.



This preview shows how white text looks on a background with the Hex color 8C4C3B.

# 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**  
8C4C3B

**Protanopia**  
655E42

**Deuteranopia**  
725A38



**Tritanopia**  
8D494F

# Trichromacy



**Original Color**  
8C4C3B

**Protanomaly**  
73573F

**Deuteranomaly**  
7B5539

**Tritanomaly**  
8D4A48

# Monochromacy



**Original Color**  
8C4C3B

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6E5751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C4C3B 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 #8C4C3B looks like.

```
.text, #text, p{  
    color:#8C4C3B  
}
```

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 #8C4C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C4C3B
}
```

## Border

The CSS property to change the border of an element to Hex 8C4C3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

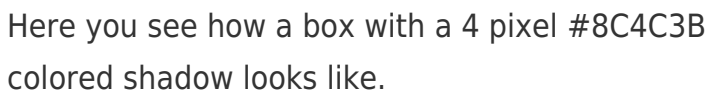
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C4C3B }
```

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

```
.border{ border-color:#8C4C3B }
```

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



Here you see how a box with a 4 pixel #8C4C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C4C3B; -webkit-box-shadow:4px 4px  
4px 4px #8C4C3B; box-shadow:4px 4px 4px  
4px #8C4C3B }
```

# Background

The CSS property to change the background color of an element to Hex 8C4C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C4C3B }
```

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

```
.background{ background-color:#8C4C3B }
```

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