

# Converting Colors

Hex(89652C)

Have a look what the booklet for  
Hex(89652C) contains.

<b>Hex(89652C)</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(89652C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89652C
RGB	137, 101, 44
RGB Percent	54%, 40%, 17%
CMY	0.4627, 0.6039, 0.8275
CMYK	0.00, 0.26, 0.68, 0.46
HSL	37°, 51%, 35%
HSV	37°, 68%, 54%
XYZ	15.4248, 14.8076, 4.4280
YIQ	105.2660, 39.7530, -10.0950

# Conversions

## Conversions Part 2

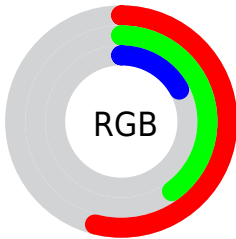
Format	Color
<a href="#">RYB</a>	<a href="#">103, 137, 44</a>
Decimal	<a href="#">9004332</a>
CIELab	<a href="#">45.37, 8.20, 37.03</a>
CIElCh	<a href="#">45, 37.930, 77.507</a>
Yxy	<a href="#">14.8076, 0.4450, 0.4272</a>
Android (android.graphics.Color)	<a href="#">4287194412</a> ( <a href="#">0xFF89652C</a> )
YUV	<a href="#">105.2660, -30.2041, 27.8307</a>
Hunter-Lab	<a href="#">38.4806, 4.2101, 20.1138</a>

# Details

The Hex color **89652C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2C5089**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **C1985C**, and **543600** is the 20% darker color. If you saturate the color by 10%, you get **89601E**, and if you desaturate by 10%, it is **896A3A**.

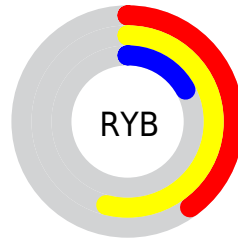
# Distribution



Red (54%)

Green (40%)

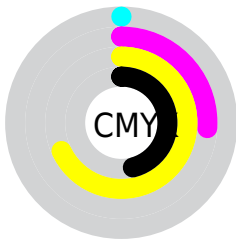
Blue (17%)



Red (40%)

Yellow (54%)

Blue (17%)

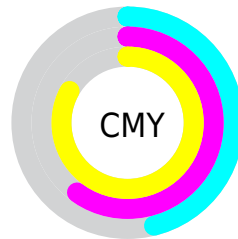


Cyan (0%)

Magenta (26%)

Yellow (68%)

Black (46%)



Cyan (46%)

Magenta (60%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89652C 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 89652C by changing the saturation by 10% instead.





89652C



89652C

FFFFFF



6E4D14



C1985C



543600



DEB276



3A2100



FCCE90



220C00



FFEAAA



000000



FFFFC6



FFFFE2



89652C



89652C



89601E



896A3A

■ 895A11

■ 897047

■ 895503

■ 897555

■ 895400

■ 897A63

■ 898071

■ 89857E

■ 898A8C

■ 898F9A

■ 8995A7

# Harmonies

## Analogous

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



9E593E



89652C



6C6F2C

# Triad

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



89652C



007B7D



855C96

# Complementary

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



89652C



2C5089

# 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.



5768A8



89652C



007999

# Square

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



89652C



007A5D



0073A9



9F527A

# Rectangle

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



89652C



547537



0073A9



78609E



# Sweetspot

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



89652C



B3A58F



892C51



595144



D9D9D9



595959



# Same Dimension

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



89652C



B37B22



80892C



45423E



855100



050300



# Inverse Universe

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



2C5089



225AB3



352C89



3E4145



003385



000205



# Previews

## White Background



This preview shows how the Hex color 89652C looks on a white background.

## Color Contrast Check

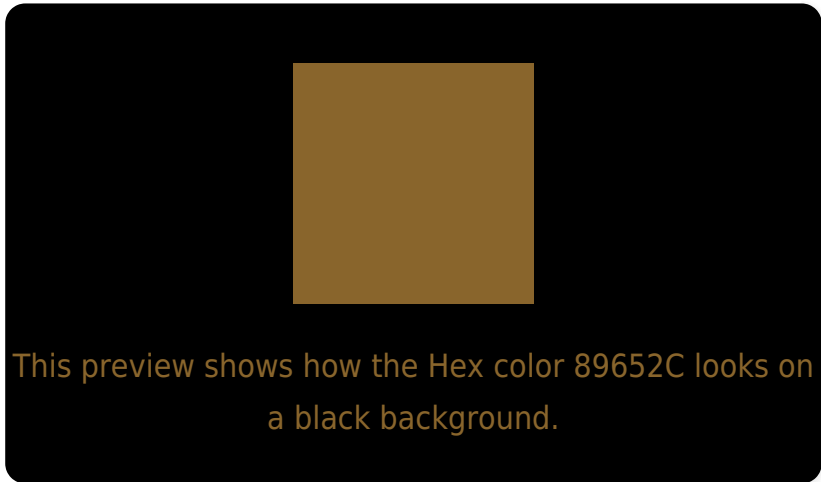
Large Text (above 18pt) WCAG AA ✓ Pass

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 89652C Background



This preview shows how black text looks on a background with the Hex color 89652C.



This preview shows how white text looks on a background with the Hex color 89652C.

# 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**  
89652C

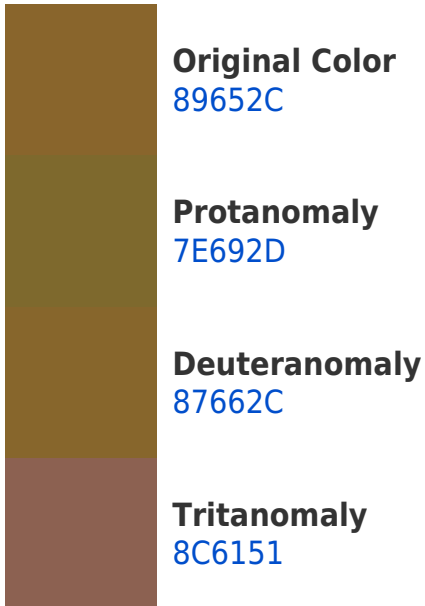
**Protanopia**  
786C2E

**Deuteranopia**  
86662C

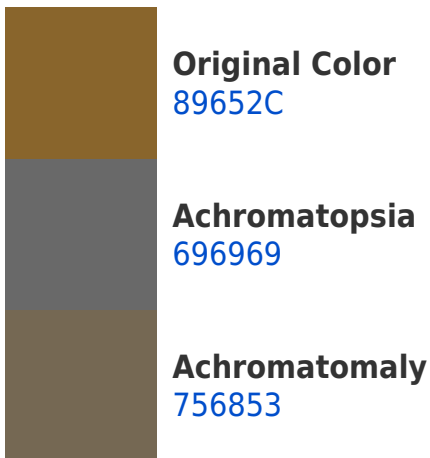


**Tritanopia**  
8D5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89652C 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 #89652C looks like.

```
.text, #text, p{  
    color:#89652C  
}
```

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 #89652C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89652C
}
```

## Border

The CSS property to change the border of an element to Hex 89652C is called "border". The border property can be set on classes, ids or directly on the HTML element.

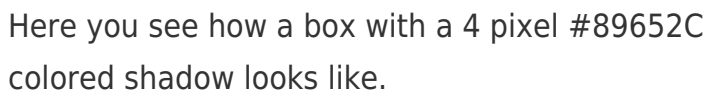
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89652C }
```

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

```
.border{ border-color:#89652C }
```

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



Here you see how a box with a 4 pixel #89652C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89652C; -webkit-box-shadow:4px 4px  
4px 4px #89652C; box-shadow:4px 4px 4px  
4px #89652C }
```

# Background

The CSS property to change the background color of an element to Hex 89652C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89652C }
```

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

```
.background{ background-color:#89652C }
```

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