

# Converting Colors

Hex(88682C)

Have a look what the booklet for  
Hex(88682C) contains.

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**Color**

**Hex(88682C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88682C
RGB	136, 104, 44
RGB Percent	53%, 41%, 17%
CMY	0.4667, 0.5922, 0.8275
CMYK	0.00, 0.24, 0.68, 0.47
HSL	39°, 51%, 35%
HSV	39°, 68%, 53%
XYZ	15.5583, 15.3167, 4.5193
YIQ	106.7280, 38.3320, -11.8760

# Conversions

## Conversions Part 2

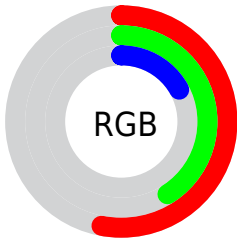
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 136, 44
Decimal	8939564
CIE <sub>Lab</sub>	46.06, 5.99, 37.76
CIE <sub>LCh</sub>	46, 38.234, 80.984
Yxy	15.3167, 0.4396, 0.4327
Android (android.graphics.Color)	4287129644 (0xFF88682C)
YUV	106.7280, -30.9249, 25.6715
Hunter-Lab	39.1366, 2.4715, 20.5491

# Details

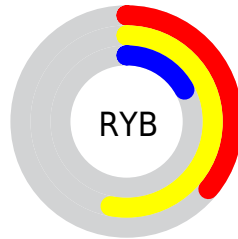
The Hex color **88682C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2C4C88**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C09B5C**, and **533900** is the 20% darker color. If you saturate the color by 10%, you get **88631E**, and if you desaturate by 10%, it is **886D3A**.

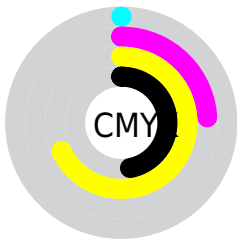
# Distribution



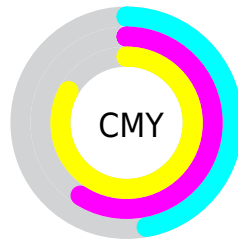
- Red (53%)
- Green (41%)
- Blue (17%)



- Red (36%)
- Yellow (53%)
- Blue (17%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88682C 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 88682C by changing the saturation by 10% instead.





88682C



88682C

FFFFFF



6D5014



C09B5C



533900



DDB676



392400



FAD190



211000



FFEDAB



000000



FFFFC6



FFFFE3



88682C



88682C



88631E



886D3A

■ 885F11

■ 887147

■ 885A03

■ 887655

■ 885900

■ 887B62

■ 888070

■ 88847E

■ 88898B

■ 888E99

■ 8893A6

# Harmonies

## Analogous

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



9E5C3C



88682C



6A722E

# Triad

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



88682C



007D83



8B5C96

# Complementary

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



88682C



2C4C88

# 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.



5F69A9



88682C



007A9E

# Square

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



88682C



007D62



0073AC



A35378

# Rectangle

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



88682C



51773B



0073AC



7F609E



# Sweetspot

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



88682C



B0A48D



882C4C



595244



D9D9D9



595959



# Same Dimension

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



88682C



B07E21



7A882C



45423E



855600



050300



# Inverse Universe

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



2C4C88



2153B0



3A2C88



3E4045



002E85



000205



# Previews

## White Background



This preview shows how the Hex color 88682C looks on a white background.

## Color Contrast Check

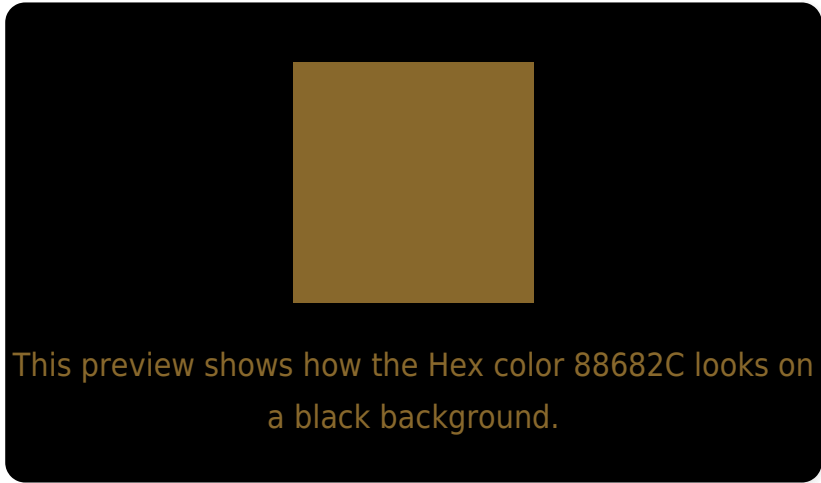
Large Text (above 18pt) WCAG AA ✓ Pass

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 88682C Background



This preview shows how black text looks on a background with the Hex color 88682C.



This preview shows how white text looks on a background with the Hex color 88682C.

# 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**  
88682C

**Protanopia**  
7A6E2E

**Deuteranopia**  
88682C

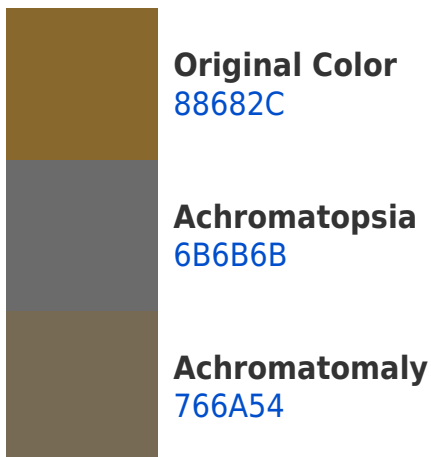


**Tritanopia**  
8C6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88682C 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 #88682C looks like.

```
.text, #text, p{  
    color:#88682C  
}
```

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 #88682C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88682C  
}
```

## Border

The CSS property to change the border of an element to Hex 88682C 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  
#88682C }
```

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

```
.border{ border-color:#88682C }
```

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

Here you see how a box with a 4 pixel #88682C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88682C; -webkit-box-shadow:4px 4px  
4px 4px #88682C; box-shadow:4px 4px 4px  
4px #88682C }
```

# Background

The CSS property to change the background color of an element to Hex 88682C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88682C }
```

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

```
.background{ background-color:#88682C }
```

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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