

# Converting Colors

Hex(88645C)

Have a look what the booklet for  
Hex(88645C) contains.

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**Color**

**Hex(88645C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88645C
RGB	136, 100, 92
RGB Percent	53%, 39%, 36%
CMY	0.4667, 0.6078, 0.6392
CMYK	0.00, 0.26, 0.32, 0.47
HSL	11°, 19%, 45%
HSV	11°, 32%, 53%
XYZ	16.6423, 15.1213, 12.1668
YIQ	109.8520, 24.0240, 5.1440

# Conversions

## Conversions Part 2

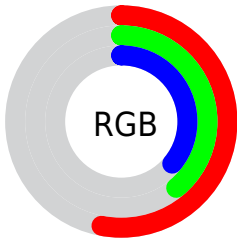
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 102, 92
Decimal	8938588
CIELab	45.80, 13.34, 10.22
CIElCh	46, 16.808, 37.448
Yxy	15.1213, 0.3788, 0.3442
Android (android.graphics.Color)	4287128668 (0xFF88645C)
YUV	109.8520, -8.8010, 22.9318
Hunter-Lab	38.8861, 8.3429, 8.6695

# Details

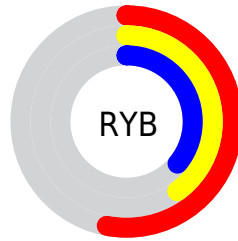
The Hex color **88645C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5C8088**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BE978E**, and **55352E** is the 20% darker color. If you saturate the color by 10%, you get **88594E**, and if you desaturate by 10%, it is **886F6A**.

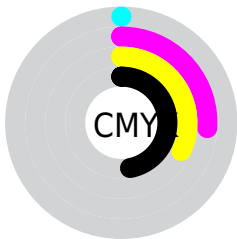
# Distribution



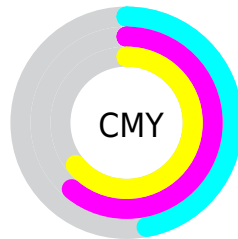
- Red (53%)
- Green (39%)
- Blue (36%)



- Red (53%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (47%)



- Cyan (47%)
- Magenta (61%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88645C 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 88645C by changing the saturation by 10% instead.



■ 88645C

■ 88645C

FFFFFF

■ 6E4C44

■ BE978E

■ 55352E

■ DAB2A9

■ 3D2019

■ F7CDC4

■ 270A00

■ FFEAE0

■ 000000

FFFFFFC

■ 88645C

■ 88645C

■ 88594E

■ 886F6A

■ 884E41

■ 887A77

■ 884333

■ 888585

■ 883726

■ 889192

■ 882C18

■ 889CA0

■ 88210A

■ 88A7AE

■ 881900

■ 88B2BB

■ 88BDC9

■ 88C8D6

# Harmonies

## Analogous

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



896269



88645C



806853

# Triad

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



88645C



547361



606D88

# Complementary

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



88645C



5C8088

# 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.



4E7186



88645C



487470

# Square

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



88645C



647156



45747D



736883

# Rectangle

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



88645C



786B51



45747D



5A6E88



# Sweetspot

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



88645C



B0A29E



885C81



59504F



D9D9D9



595959



# Same Dimension

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



88645C



B0786B



88795C



453F3E



851800



050100



# Inverse Universe

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



5C8088



6BA3B0



5C6B88



3E4445



006C85



000405



# Previews

## White Background



This preview shows how the Hex color 88645C looks on a white background.

## Color Contrast Check

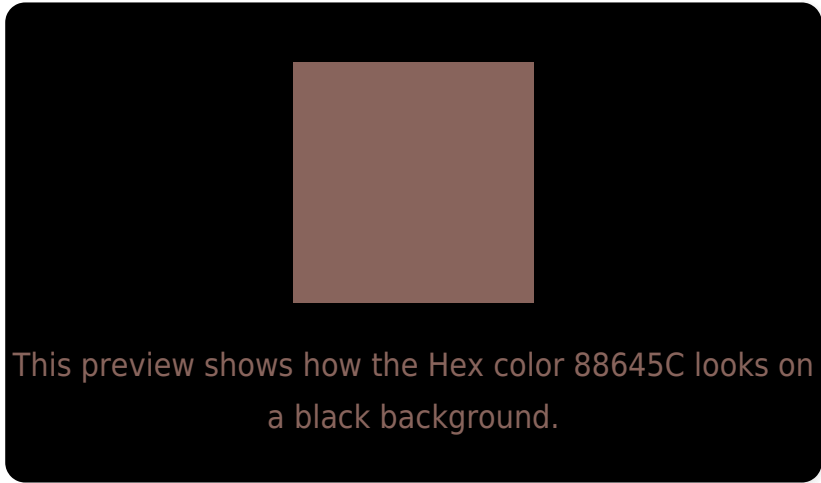
Large Text (above 18pt) WCAG AA ✓ Pass

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 88645C Background



This preview shows how black text looks on a background with the Hex color 88645C.



This preview shows how white text looks on a background with the Hex color 88645C.

# 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**  
88645C

**Protanopia**  
726C60

**Deuteranopia**  
7D695B



**Tritanopia**  
896269

# Trichromacy



**Original Color**  
88645C

**Protanomaly**  
7A695F

**Deuteranomaly**  
81675B

**Tritanomaly**  
896364

# Monochromacy



**Original Color**  
88645C

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
776A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88645C 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 #88645C looks like.

```
.text, #text, p{  
    color:#88645C  
}
```

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 #88645C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88645C
}
```

## Border

The CSS property to change the border of an element to Hex 88645C is called "border". The border property can be set on classes, ids or directly on the HTML element.

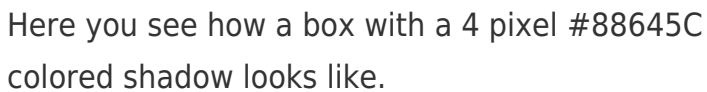
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88645C }
```

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

```
.border{ border-color:#88645C }
```

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



Here you see how a box with a 4 pixel #88645C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88645C; -webkit-box-shadow:4px 4px  
4px 4px #88645C; box-shadow:4px 4px 4px  
4px #88645C }
```

# Background

The CSS property to change the background color of an element to Hex 88645C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88645C }
```

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

```
.background{ background-color:#88645C }
```

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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