

# Converting Colors

Hex(80645C)

Have a look what the booklet for  
Hex(80645C) contains.

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**Color**

**Hex(80645C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80645C
RGB	128, 100, 92
RGB Percent	50%, 39%, 36%
CMY	0.4980, 0.6078, 0.6392
CMYK	0.00, 0.22, 0.28, 0.50
HSL	13°, 16%, 43%
HSV	13°, 28%, 50%
XYZ	15.3910, 14.4762, 12.1082
YIQ	107.4600, 19.2560, 3.4480

# Conversions

## Conversions Part 2

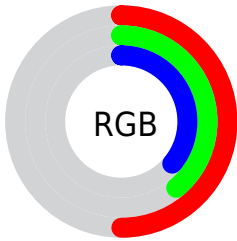
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 102, 92
Decimal	8414300
CIE <sub>Lab</sub>	44.91, 9.99, 8.84
CIE <sub>LCh</sub>	45, 13.341, 41.488
Yxy	14.4762, 0.3667, 0.3449
Android (android.graphics.Color)	4286604380 (0xFF80645C)
YUV	107.4600, -7.6218, 18.0136
Hunter-Lab	38.0477, 5.6234, 7.7650

# Details

The Hex color **80645C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5C7880**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B5978E**, and **4E352E** is the 20% darker color. If you saturate the color by 10%, you get **805A4F**, and if you desaturate by 10%, it is **806E69**.

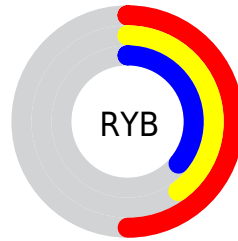
# Distribution



Red (50%)

Green (39%)

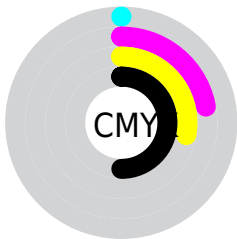
Blue (36%)



Red (50%)

Yellow (40%)

Blue (36%)

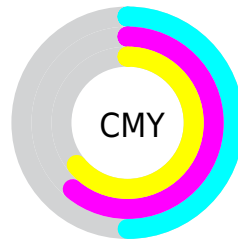


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (50%)



Cyan (50%)

Magenta (61%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80645C 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 80645C by changing the saturation by 10% instead.





80645C



80645C

FFFFFF



674C44



B5978E



4E352E



D1B2A9



362019



EECDC4



220900



FFE9E0



000000

FFFFFFC



80645C



80645C



805A4F



806E69



805042



807876

 804636

 808282

 803C29

 808C8F

 80321C

 80969C

 80280F

 80A0A9

 801E02

 80AAB6

 801C00

 80B4C2

 80BECF

# Harmonies

## Analogous

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



816266



80645C



796755

# Triad

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



80645C



567063



636A80

# Complementary

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



80645C



5C7880

# 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.



556D7F



80645C



4E716E

# Square

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



80645C



626E59



4D7079



71667B

# Rectangle

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



80645C



726A54



4D7079



5E6B80



# Sweetspot

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



80645C



A69B98



805C78



544E4C



D4D4D4



545454



# Same Dimension

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



80645C



A67A6D



80765C



403B39



801C00



000000



# Inverse Universe

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



5C7880



6D99A6



5C6680



393E40



006380



000000



# Previews

## White Background



This preview shows how the Hex color 80645C looks on a white background.

## Color Contrast Check

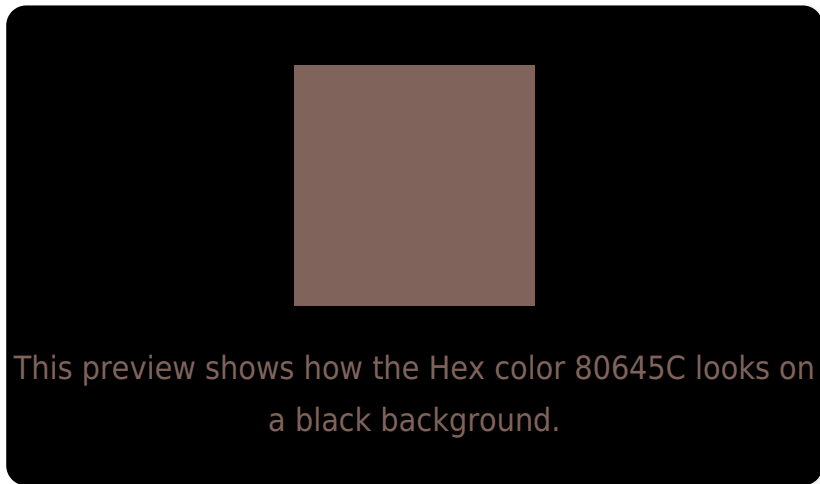
Large Text (above 18pt) WCAG AA ✓ Pass

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

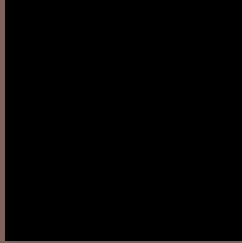
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 80645C Background



This preview shows how black text looks on a background with the Hex color 80645C.



This preview shows how white text looks on a background with the Hex color 80645C.

# 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**  
80645C

**Protanopia**  
6F6A5F

**Deuteranopia**  
7A665C



**Tritanopia**  
81626A

# Trichromacy



**Original Color**  
80645C

**Protanomaly**  
75685E

**Deuteranomaly**  
7C655C

**Tritanomaly**  
816365

# Monochromacy



**Original Color**  
80645C

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
736866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80645C 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 #80645C looks like.

```
.text, #text, p{  
    color:#80645C  
}
```

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 #80645C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80645C
}
```

## Border

The CSS property to change the border of an element to Hex 80645C is called "border". The border property can be set on classes, ids or directly on the HTML element.

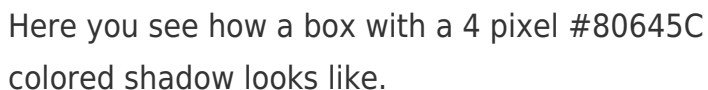
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80645C }
```

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

```
.border{ border-color:#80645C }
```

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



Here you see how a box with a 4 pixel #80645C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80645C; -webkit-box-shadow:4px 4px  
4px 4px #80645C; box-shadow:4px 4px 4px  
4px #80645C }
```

# Background

The CSS property to change the background color of an element to Hex 80645C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80645C }
```

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

```
.background{ background-color:#80645C }
```

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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