

# Converting Colors

Hex(80785B)

Have a look what the booklet for  
Hex(80785B) contains.

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**Color**

**Hex(80785B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80785B
RGB	128, 120, 91
RGB Percent	50%, 47%, 36%
CMY	0.4980, 0.5294, 0.6431
CMYK	0.00, 0.06, 0.29, 0.50
HSL	47°, 17%, 43%
HSV	47°, 29%, 50%
XYZ	17.5069, 18.7775, 12.5992
YIQ	119.0860, 14.0770, -7.3230

# Conversions

## Conversions Part 2

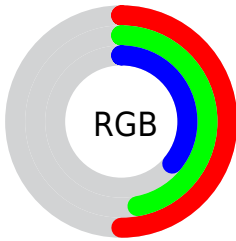
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 128, 91
Decimal	8419419
CIELab	50.43, -1.83, 17.07
CIElCh	50, 17.166, 96.129
Yxy	18.7775, 0.3581, 0.3841
Android (android.graphics.Color)	4286609499 (0xFF80785B)
YUV	119.0860, -13.8464, 7.8176
Hunter-Lab	43.3330, -3.7172, 13.0943

# Details

The Hex color **80785B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5B6380**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B5AC8D**, and **4E482D** is the 20% darker color. If you saturate the color by 10%, you get **80754E**, and if you desaturate by 10%, it is **807B68**.

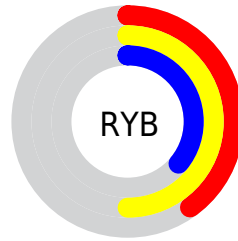
# Distribution



Red (50%)

Green (47%)

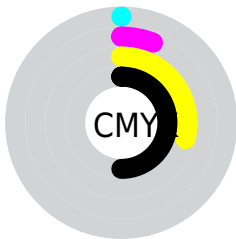
Blue (36%)



Red (40%)

Yellow (50%)

Blue (36%)

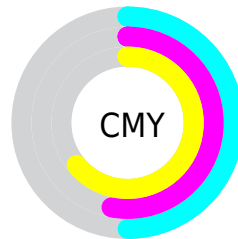


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80785B 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 80785B by changing the saturation by 10% instead.





80785B



80785B

FFFFFF



675F43



B5AC8D



4E482D



D1C7A8



373118



EDE3C3



221C00



FFFFDF



000300



FFFFFC



000000



80785B



80785B



80754E



807B68



807241



807E75

■ 807035

■ 808081

■ 806D28

■ 80838E

■ 806A1B

■ 80869B

■ 80670E

■ 8089A8

■ 806501

■ 808BB5

■ 806400

■ 808EC1

■ 8091CE

# Harmonies

## Analogous

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



8D735E



80785B



707C60

# Triad

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



80785B



4F8089



8E6F84

# Complementary

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



80785B



5B6380

# 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.



7E7390



80785B



597D92

# Square

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



80785B



52807B



6B7895



956E75

# Rectangle

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



80785B



657E67



6B7895



897088



# Sweetspot

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



80785B



A6A397



805B63



54524B



D4D4D4



545454



# Same Dimension

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



80785B



A6996C



76805B



403E39



806400



000000



# Inverse Universe

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



5B6380



6C78A6



655B80



393B40



001C80



000000



# Previews

## White Background



This preview shows how the Hex color 80785B looks on a white background.

## Color Contrast Check

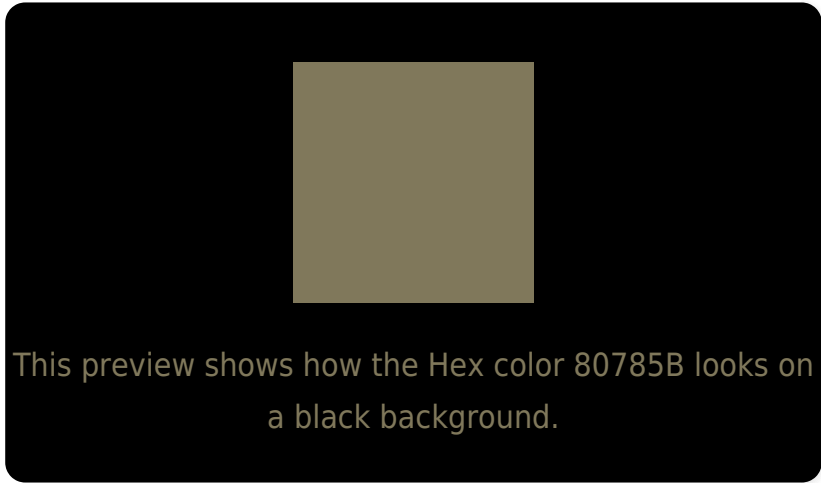
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

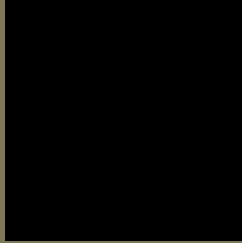
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 80785B Background



This preview shows how black text looks on a background with the Hex color 80785B.



This preview shows how white text looks on a background with the Hex color 80785B.

# 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**  
80785B

**Protanopia**  
80785B

**Deuteranopia**  
8D735C



**Tritanopia**  
84747D

# Trichromacy



**Original Color**  
80785B

**Protanomaly**  
80785B

**Deuteranomaly**  
88755C

**Tritanomaly**  
837571

# Monochromacy



**Original Color**  
80785B

**Achromatopsia**  
777777

**Achromatomaly**  
7A776D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80785B 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 #80785B looks like.

```
.text, #text, p{  
    color:#80785B  
}
```

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 #80785B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80785B
}
```

## Border

The CSS property to change the border of an element to Hex 80785B is called "border". The border property can be set on classes, ids or directly on the HTML element.

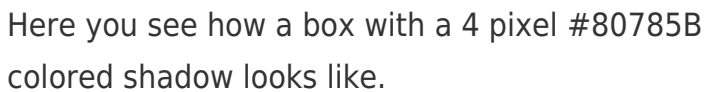
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80785B }
```

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

```
.border{ border-color:#80785B }
```

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



Here you see how a box with a 4 pixel #80785B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80785B; -webkit-box-shadow:4px 4px  
4px 4px #80785B; box-shadow:4px 4px 4px  
4px #80785B }
```

# Background

The CSS property to change the background color of an element to Hex 80785B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80785B }
```

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

```
.background{ background-color:#80785B }
```

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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