

# Converting Colors

Hex(80785E)

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

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**Color**

**Hex(80785E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80785E
RGB	128, 120, 94
RGB Percent	50%, 47%, 37%
CMY	0.4980, 0.5294, 0.6314
CMYK	0.00, 0.06, 0.27, 0.50
HSL	46°, 15%, 44%
HSV	46°, 27%, 50%
XYZ	17.6389, 18.8303, 13.2946
YIQ	119.4280, 13.1140, -6.3900

# Conversions

## Conversions Part 2

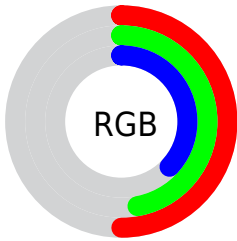
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 128, 94
Decimal	8419422
CIELab	50.49, -1.39, 15.41
CIElCh	50, 15.476, 95.143
Yxy	18.8303, 0.3545, 0.3784
Android (android.graphics.Color)	4286609502 (0xFF80785E)
YUV	119.4280, -12.5360, 7.5176
Hunter-Lab	43.3939, -3.3818, 12.2110

# Details

The Hex color **80785E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5E6680**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B5AC90**, and **4E4830** is the 20% darker color. If you saturate the color by 10%, you get **807551**, and if you desaturate by 10%, it is **807B6B**.

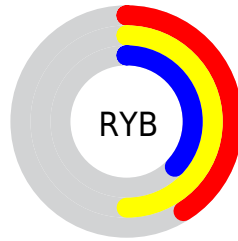
# Distribution



Red (50%)

Green (47%)

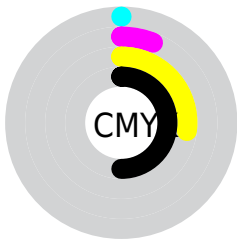
Blue (37%)



Red (41%)

Yellow (50%)

Blue (37%)

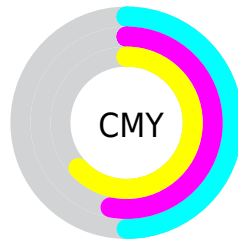


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (63%)

# Brightness & Saturation Gradients

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





80785E



80785E

FFFFFF



675F46



B5AC90



4E4830



D1C7AB



37311B



EDE4C6



221C00



FFFFE2



000300



000000



80785E



80785E



807551



807B6B



807244



807E78

■ 806F38

■ 808184

■ 806C2B

■ 808491

■ 80691E

■ 80879E

■ 806611

■ 808AAB

■ 806304

■ 808DB8

■ 806200

■ 8090C4

■ 8093D1

# Harmonies

## Analogous

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



8C7461



80785E



717C62

# Triad

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



80785E



547F87



8B7083

# Complementary

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



80785E



5E6680

# 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.



7D748E



80785E



5C7D90

# Square

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



80785E



57807A



6C7992



936F76

# Rectangle

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



80785E



677E69



6C7992



877187



# Sweetspot

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



80785E



A6A398



805E67



54524C



D4D4D4



545454



# Same Dimension

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



80785E



A69971



78805E



403E39



806200



000000



# Inverse Universe

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



5E6680



717DA6



675E80



393B40



001E80



000000



# Previews

## White Background



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

## Color Contrast Check

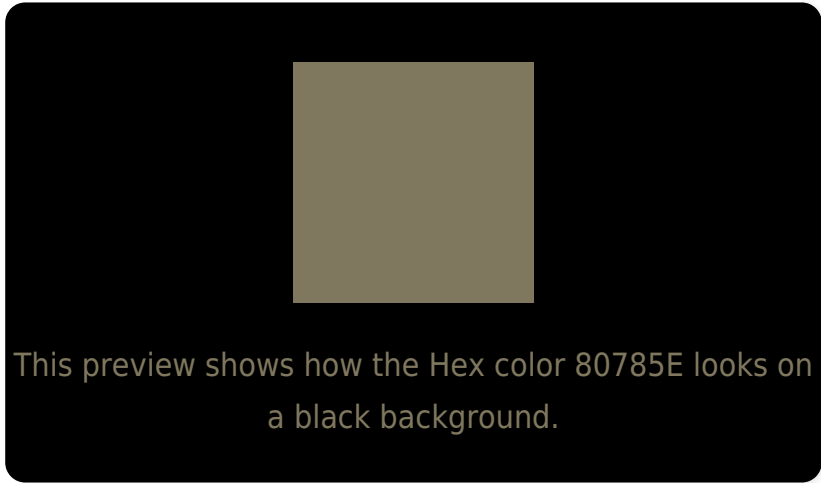
Large Text (above 18pt) WCAG AA ✓ Pass

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

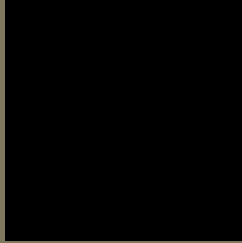
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

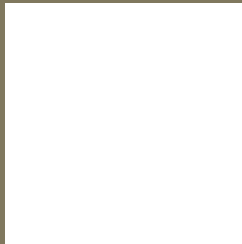
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80785E Background



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



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

# 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**  
80785E

**Protanopia**  
80785E

**Deuteranopia**  
8C735F



**Tritanopia**  
84747D

# Trichromacy



**Original Color**  
80785E

**Protanomaly**  
80785E

**Deuteranomaly**  
88755F

**Tritanomaly**  
837572

# Monochromacy



**Original Color**  
80785E

**Achromatopsia**  
777777

**Achromatomaly**  
7A776E

# CSS Examples

## Text

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

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

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 #80785E colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 80785E 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
#80785E }
```

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

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

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

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

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

# Background

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

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

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

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

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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