

# Converting Colors

Hex(81775C)

Have a look what the booklet for  
Hex(81775C) contains.

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**Color**

**Hex(81775C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81775C
RGB	129, 119, 92
RGB Percent	51%, 47%, 36%
CMY	0.4941, 0.5333, 0.6392
CMYK	0.00, 0.08, 0.29, 0.49
HSL	44°, 17%, 43%
HSV	44°, 29%, 51%
XYZ	17.5819, 18.6335, 12.7952
YIQ	118.9120, 14.6270, -6.2770

# Conversions

## Conversions Part 2

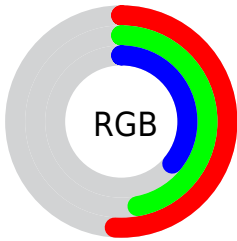
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	106, 129, 92
Decimal	8484700
CIE Lab	50.26, -0.69, 16.27
CIE LCh	50, 16.286, 92.441
Yxy	18.6335, 0.3587, 0.3802
Android (android.graphics.Color)	4286674780 (0xFF81775C)
YUV	118.9120, -13.2676, 8.8472
Hunter-Lab	43.1665, -2.8378, 12.6422

# Details

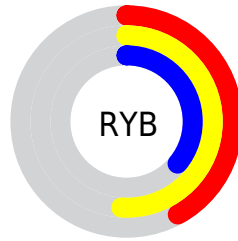
The Hex color **81775C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5C6681**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B6AB8E**, and **4F472E** is the 20% darker color. If you saturate the color by 10%, you get **81744F**, and if you desaturate by 10%, it is **817A69**.

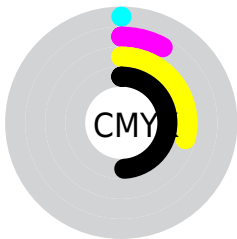
# Distribution



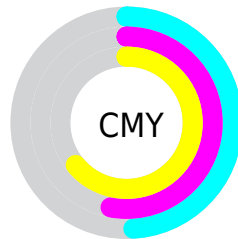
- Red (51%)
- Green (47%)
- Blue (36%)



- Red (42%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (29%)
- Black (49%)




- Cyan (49%)
- Magenta (53%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81775C 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 81775C by changing the saturation by 10% instead.



 81775C

 81775C

FFFFFF

 685E44

 B6AB8E

 4F472E

 D2C6A9

 383019

 EFE2C4


 231C00


 FFFFE0


 000100

FFFFFFD


 000000

 81775C

 81775C

 81744F

 817A69

 817042

 817E76

■ 816D35

■ 818183

■ 816928

■ 818590

■ 81661C

■ 81889C

■ 81620F

■ 818CA9

■ 815F02

■ 818FB6

■ 815E00

■ 8193C3

■ 8196D0

# Harmonies

## Analogous

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



8D725F



81775C



727B60

# Triad

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



81775C



517F86



8B7085

# Complementary

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



81775C



5C6681

# 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.



7B748F



81775C



587C90

# Square

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



81775C



558078



697893



936E77

# Rectangle

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



81775C



677D66



697893



867189



# Sweetspot

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



81775C



A8A499



815C66



54524B



D4D4D4



545454



# Same Dimension

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



81775C



A8996F



79815C



403E39



805D00



000000



# Inverse Universe

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



5C6681



6F7FA8



645C81



393B40



002280



000000



# Previews

## White Background



This preview shows how the Hex color 81775C looks on a white background.

## Color Contrast Check

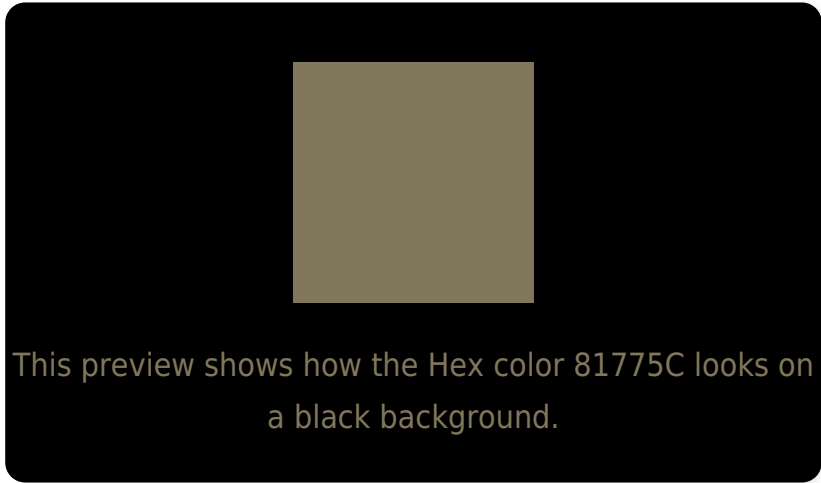
Large Text (above 18pt) WCAG AA ✓ Pass

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

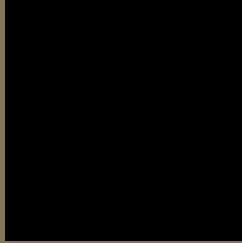
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 81775C Background



This preview shows how black text looks on a background with the Hex color 81775C.



This preview shows how white text looks on a background with the Hex color 81775C.

# 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**  
81775C

**Protanopia**  
80775C

**Deuteranopia**  
8C735D



**Tritanopia**  
85737C

# Trichromacy



**Original Color**  
81775C

**Protanomaly**  
80775C

**Deuteranomaly**  
88745D

**Tritanomaly**  
847470

# Monochromacy



**Original Color**  
81775C

**Achromatopsia**  
777777

**Achromatomaly**  
7B776D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81775C 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 #81775C looks like.

```
.text, #text, p{  
    color:#81775C  
}
```

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 #81775C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81775C
}
```

## Border

The CSS property to change the border of an element to Hex 81775C is called "border". The border property can be set on classes, ids or directly on the HTML element.

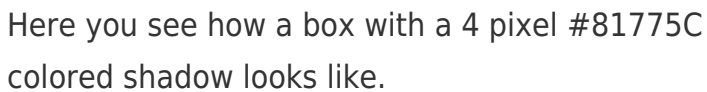
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81775C }
```

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

```
.border{ border-color:#81775C }
```

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



Here you see how a box with a 4 pixel #81775C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81775C; -webkit-box-shadow:4px 4px  
4px 4px #81775C; box-shadow:4px 4px 4px  
4px #81775C }
```

# Background

The CSS property to change the background color of an element to Hex 81775C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81775C }
```

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

```
.background{ background-color:#81775C }
```

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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