

Converting Colors

Hex(80775F)

Have a look what the booklet for
Hex(80775F) contains.

Hex(80775F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80775F)

Conversions

Conversions Part 1

Format	Color
Hex	80775F
RGB	128, 119, 95
RGB Percent	50%, 47%, 37%
CMY	0.4980, 0.5333, 0.6275
CMYK	0.00, 0.07, 0.26, 0.50
HSL	44°, 15%, 44%
HSV	44°, 26%, 50%
XYZ	17.5645, 18.6091, 13.4926
YIQ	118.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

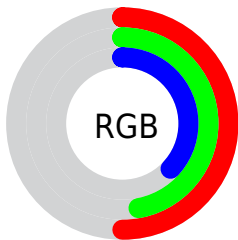
Format	Color
R_{YB}	107, 128, 95
Decimal	8419167
CIE _{Lab}	50.23, -0.66, 14.47
CIE _{LCh}	50, 14.488, 92.621
Yxy	18.6091, 0.3537, 0.3747
Android (android.graphics.Color)	4286609247 (0xFF80775F)
YUV	118.9550, -11.8098, 7.9325
Hunter-Lab	43.1382, -2.8126, 11.6522

Details

The Hex color **80775F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F6880**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B5AB92**, and **4E4731** is the 20% darker color. If you saturate the color by 10%, you get **807452**, and if you desaturate by 10%, it is **807A6C**.

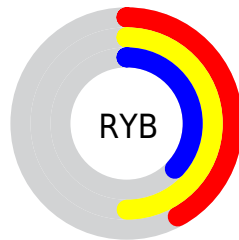
Distribution



Red (50%)

Green (47%)

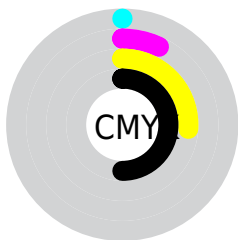
Blue (37%)



Red (42%)

Yellow (50%)

Blue (37%)

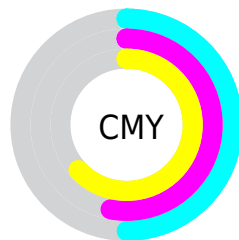


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80775F 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 80775F by changing the saturation by 10% instead.



80775F



80775F

FFFFFF



675E47



B5AB92



4E4731



D1C6AC



37301B



EDE2C7



221C02



FFFFE4



000100



000000



80775F



80775F



807452



807A6C



807045



807E79

■ 806D39

■ 808185

■ 80692C

■ 808592

■ 80661F

■ 80889F

■ 806212

■ 808CAC

■ 805F05

■ 808FB9

■ 805D00

■ 8093C5

■ 8096D2

Harmonies

Analogous

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



8B7362



80775F



727B63

Triad

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



80775F



567E84



897083

Complementary

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



80775F



5F6880

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.



7B748C



80775F



5D7C8D

Square

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



80775F



5A7F78



6B7890



906F77

Rectangle

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



80775F



697D68



6B7890



857187

Sweetspot

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



80775F



A6A298



805F68



54524C



D4D4D4



545454

Same Dimension

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



80775F



A69872



79805F



403E39



805D00



000000

Inverse Universe

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



5F6880



7280A6



665F80



393B40



002380



000000

Previews

White Background



This preview shows how the Hex color 80775F looks on a white background.

Color Contrast Check

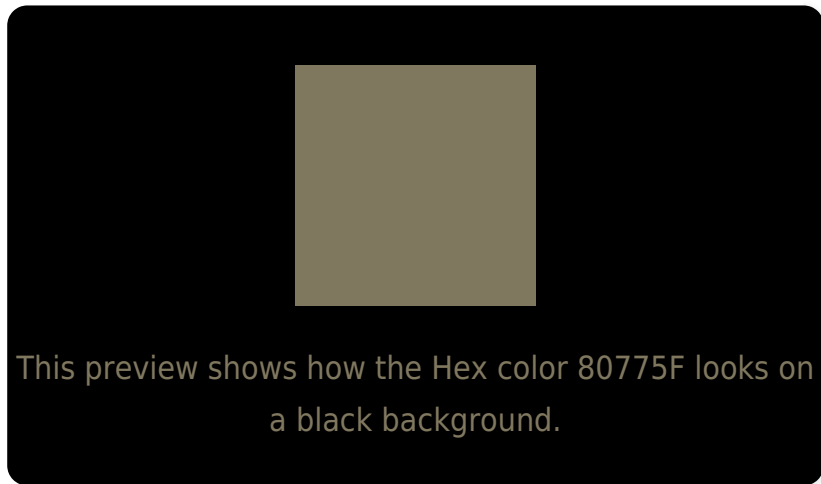
Large Text (above 18pt) WCAG AA ✓ Pass

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 80775F Background



This preview shows how black text looks on a background with the Hex color 80775F.



This preview shows how white text looks on a background with the Hex color 80775F.

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
80775F

Protanopia
7F775F

Deuteranopia
8B7360



Tritanopia
84737C

Trichromacy



Original Color
80775F

Protanomaly
7F775F

Deuteranomaly
877460

Tritanomaly
837471

Monochromacy



Original Color
80775F

Achromatopsia
777777

Achromatomaly
7A776E

CSS Examples

Text

The CSS property to change the color of the text to Hex 80775F 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 #80775F looks like.

```
.text, #text, p{  
    color:#80775F  
}
```

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 #80775F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80775F
}
```

Border

The CSS property to change the border of an element to Hex 80775F is called "border". The border property can be set on classes, ids or directly on the HTML element.

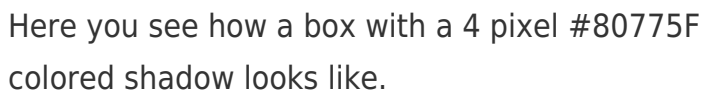
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80775F }
```

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

```
.border{ border-color:#80775F }
```

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



Here you see how a box with a 4 pixel #80775F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80775F; -webkit-box-shadow:4px 4px  
4px 4px #80775F; box-shadow:4px 4px 4px  
4px #80775F }
```

Background

The CSS property to change the background color of an element to Hex 80775F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80775F }
```

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

```
.background{ background-color:#80775F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor