

# Converting Colors

Hex(80776B)

Have a look what the booklet for  
Hex(80776B) contains.

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# Color

Hex(80776B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80776B
RGB	128, 119, 107
RGB Percent	50%, 47%, 42%
CMY	0.4980, 0.5333, 0.5804
CMYK	0.00, 0.07, 0.16, 0.50
HSL	34°, 9%, 46%
HSV	34°, 16%, 50%
XYZ	18.1528, 18.8444, 16.5905
YIQ	120.3230, 9.2160, -1.8240

# Conversions

## Conversions Part 2

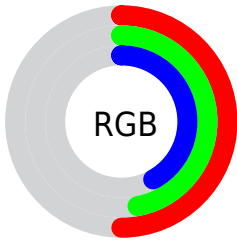
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 128, 107
Decimal	8419179
CIE <sub>Lab</sub>	50.50, 1.28, 7.84
CIE <sub>LCh</sub>	51, 7.945, 80.701
Yxy	18.8444, 0.3387, 0.3517
Android (android.graphics.Color)	4286609259 (0xFF80776B)
YUV	120.3230, -6.5682, 6.7327
Hunter-Lab	43.4101, -1.3246, 7.7276

# Details

The Hex color **80776B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B7480**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B5AB9E**, and **4F473C** is the 20% darker color. If you saturate the color by 10%, you get **80725E**, and if you desaturate by 10%, it is **807C78**.

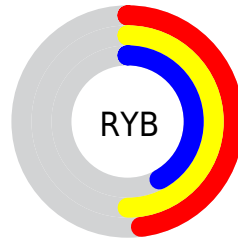
# Distribution



Red (50%)

Green (47%)

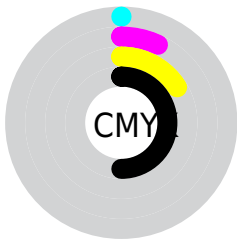
Blue (42%)



Red (48%)

Yellow (50%)

Blue (42%)

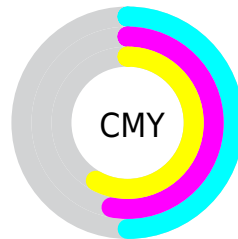


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80776B 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 80776B by changing the saturation by 10% instead.





80776B



80776B

FFFFFF



675E53



B5AB9E



4F473C



D1C6B9



383026



EDE2D5



221C11



FFFFF1



060100



000000



80776B



80776B



80725E



807C78



806C51



808285

806745

808791

806138

808D9E

805C2B

8092AB

80561E

8098B8

805111

809DC5

804B05

80A3D1

804900

80A8DE

# Harmonies

## Analogous

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



85756E



80776B



79796C

# Triad

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



80776B



677C7D



7F7581

# Complementary

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



80776B



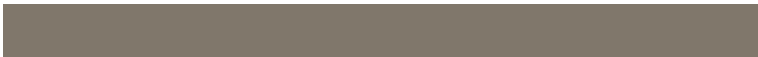
6B7480

# 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.



777785



80776B



697B82

# Square

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



80776B



6A7C76



6F7985



85747B

# Rectangle

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



80776B



737B6E



6F7985

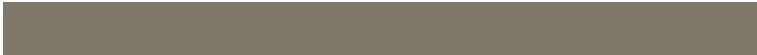


7D7682



# Sweetspot

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



80776B



A6A29D



806B74



54524F



D4D4D4

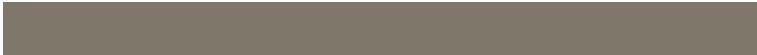


545454



# Same Dimension

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



80776B



A69885



7F806B



403D39



804900



000000



# Inverse Universe

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



6B7480



8593A6



6C6B80



393C40



003780

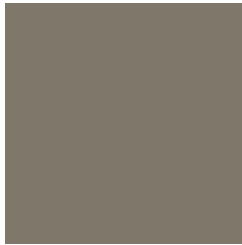


000000



# Previews

## White Background



This preview shows how the Hex color 80776B looks on a white background.

## Color Contrast Check

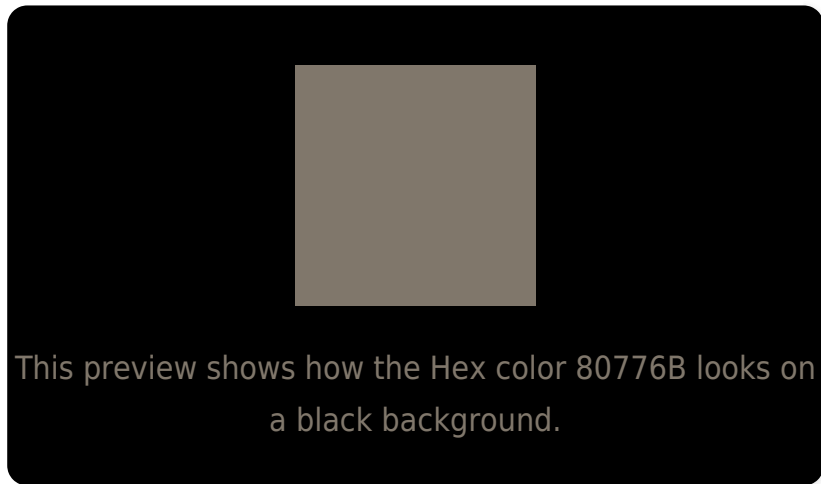
Large Text (above 18pt) WCAG AA ✓ Pass

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

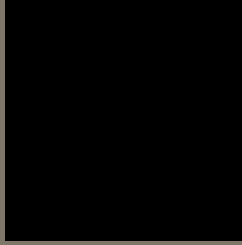
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

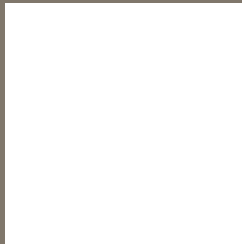
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80776B Background



This preview shows how black text looks on a background with the Hex color 80776B.



This preview shows how white text looks on a background with the Hex color 80776B.

# 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**  
80776B

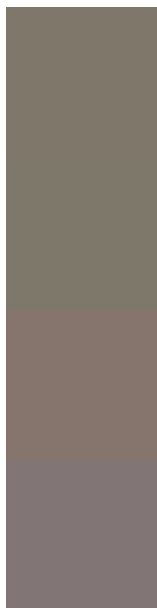
**Protanopia**  
7D786B

**Deuteranopia**  
88746C



**Tritanopia**  
82747D

# Trichromacy



**Original Color**

80776B

**Protanomaly**

7E786B

**Deuteranomaly**

85756C

**Tritanomaly**

817576

# Monochromacy



**Original Color**

80776B

**Achromatopsia**

787878

**Achromatomaly**

7B7873

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80776B 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 #80776B looks like.

```
.text, #text, p{  
    color:#80776B  
}
```

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 #80776B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80776B
}
```

## Border

The CSS property to change the border of an element to Hex 80776B is called "border". The border property can be set on classes, ids or directly on the HTML element.

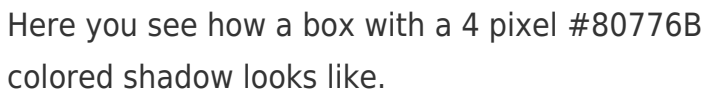
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80776B }
```

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

```
.border{ border-color:#80776B }
```

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



Here you see how a box with a 4 pixel #80776B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80776B; -webkit-box-shadow:4px 4px  
4px 4px #80776B; box-shadow:4px 4px 4px  
4px #80776B }
```

# Background

The CSS property to change the background color of an element to Hex 80776B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80776B }
```

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

```
.background{ background-color:#80776B }
```

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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