

# Converting Colors

Hex(80736B)

Have a look what the booklet for  
Hex(80736B) contains.

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**Color**

**Hex(80736B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80736B
RGB	128, 115, 107
RGB Percent	50%, 45%, 42%
CMY	0.4980, 0.5490, 0.5804
CMYK	0.00, 0.10, 0.16, 0.50
HSL	23°, 9%, 46%
HSV	23°, 16%, 50%
XYZ	17.6867, 17.9122, 16.4351
YIQ	117.9750, 10.3160, 0.2680

# Conversions

## Conversions Part 2

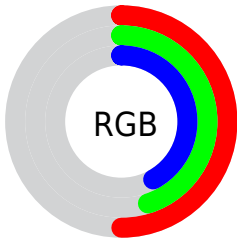
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 120, 107
Decimal	8418155
CIE <sub>Lab</sub>	49.39, 3.60, 6.25
CIE <sub>LCh</sub>	49, 7.217, 60.033
Yxy	17.9122, 0.3399, 0.3442
Android (android.graphics.Color)	4286608235 (0xFF80736B)
YUV	117.9750, -5.4107, 8.7919
Hunter-Lab	42.3228, 0.5301, 6.6020

# Details

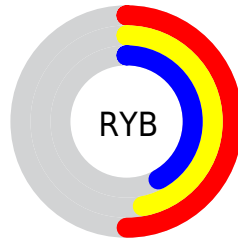
The Hex color **80736B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B7880**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B5A79E**, and **4F433C** is the 20% darker color. If you saturate the color by 10%, you get **806B5E**, and if you desaturate by 10%, it is **807B78**.

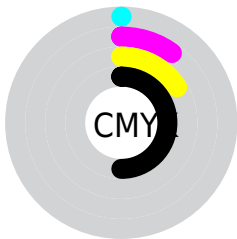
# Distribution



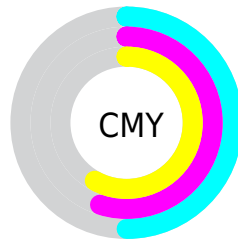
- Red (50%)
- Green (45%)
- Blue (42%)



- Red (50%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (55%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80736B 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 80736B by changing the saturation by 10% instead.





80736B



80736B

FFFFFF



675A53



B5A79E



4F433C



D1C2B9



382D26



EDDED5



221811



FFFBF1



030000



000000



80736B



80736B



806B5E



807B78



806351



808385

 805B45

 808B91

 805338

 80939E

 804B2B

 809BAB

 80431E

 80A3B8

 803C11

 80AAC5

 803405

 80B2D1

 803100

 80BADE

# Harmonies

## Analogous

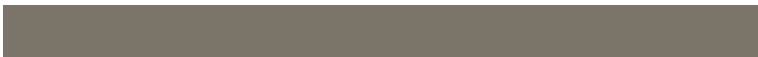
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



837270



80736B



7B7569

# Triad

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



80736B



687975



777480

# Complementary

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



80736B



6B7880

# 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.



6F7681



80736B



66797B

# Square

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



80736B



6D786F



697880



7E727C

# Rectangle

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



80736B



76766A



697880



747581



# Sweetspot

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



80736B



A6A19D



806B78



54514F



D4D4D4



545454



# Same Dimension

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



80736B



A69185



807D6B



403C39



803100



000000



# Inverse Universe

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



6B7880



8599A6



6B6E80



393D40



004F80

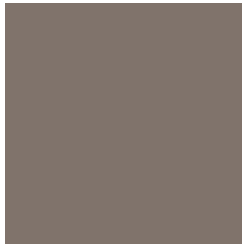


000000



# Previews

## White Background



This preview shows how the Hex color 80736B looks on a white background.

## Color Contrast Check

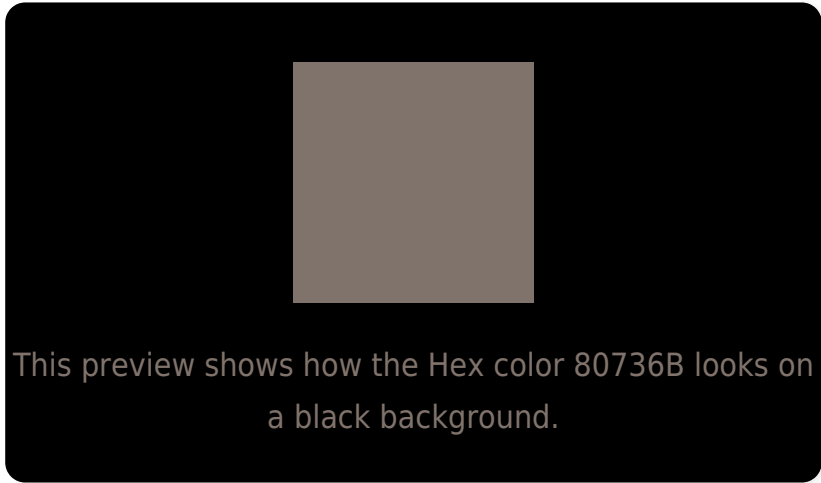
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

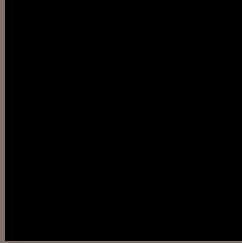
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 80736B Background



This preview shows how black text looks on a background with the Hex color 80736B.

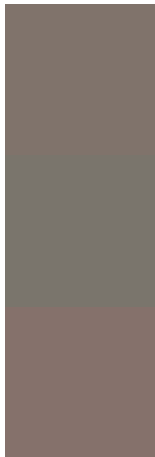


This preview shows how white text looks on a background with the Hex color 80736B.

# 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**  
80736B

**Protanopia**  
7A756C

**Deuteranopia**  
85716B



**Tritanopia**  
82717A

# Trichromacy



**Original Color**  
80736B

**Protanomaly**  
7C746C

**Deuteranomaly**  
83726B

**Tritanomaly**  
817275

# Monochromacy



**Original Color**  
80736B

**Achromatopsia**  
767676

**Achromatomaly**  
7A7572

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80736B 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 #80736B looks like.

```
.text, #text, p{  
    color:#80736B  
}
```

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 #80736B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80736B  
}
```

## Border

The CSS property to change the border of an element to Hex 80736B is called "border". The border property can be set on classes, ids or directly on the HTML element.

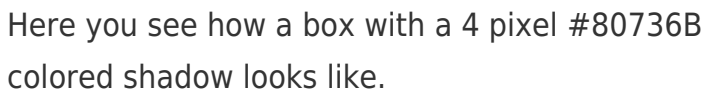
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#80736B }
```

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

```
.border{ border-color:#80736B }
```

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



Here you see how a box with a 4 pixel #80736B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80736B; -webkit-box-shadow:4px 4px  
4px 4px #80736B; box-shadow:4px 4px 4px  
4px #80736B }
```

# Background

The CSS property to change the background color of an element to Hex 80736B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80736B }
```

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

```
.background{ background-color:#80736B }
```

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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