

# Converting Colors

Hex(6B806B)

Have a look what the booklet for  
Hex(6B806B) contains.

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# Color

**Hex(6B806B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B806B
RGB	107, 128, 107
RGB Percent	42%, 50%, 42%
CMY	0.5804, 0.4980, 0.5804
CMYK	0.16, 0.00, 0.16, 0.50
HSL	120°, 9%, 46%
HSV	120°, 16%, 50%
XYZ	16.4364, 19.6257, 16.8318
YIQ	119.3270, -5.7750, -10.9830

# Conversions

## Conversions Part 2

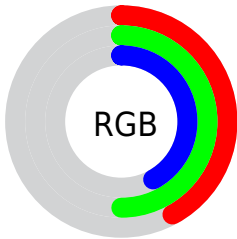
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 128, 128
Decimal	7045227
CIE <sub>Lab</sub>	51.41, -12.00, 8.89
CIE <sub>LCh</sub>	51, 14.934, 143.475
Yxy	19.6257, 0.3107, 0.3710
Android (android.graphics.Color)	4285235307 (0xFF6B806B)
YUV	119.3270, -6.0772, -10.8108
Hunter-Lab	44.3009, -11.2998, 8.4839

# Details

The Hex color **6B806B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806B80**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9FB59E**, and **3B4F3C** is the 20% darker color. If you saturate the color by 10%, you get **5E805E**, and if you desaturate by 10%, it is **788078**.

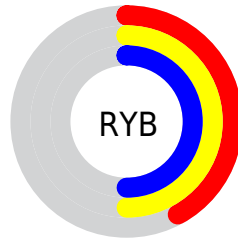
# Distribution



Red (42%)

Green (50%)

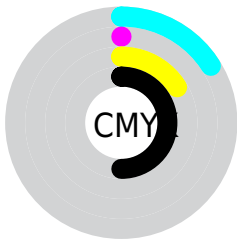
Blue (42%)



Red (42%)

Yellow (50%)

Blue (50%)

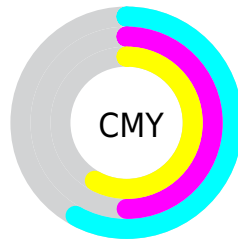


Cyan (16%)

Magenta (0%)

Yellow (16%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B806B 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 6B806B by changing the saturation by 10% instead.





6B806B



6B806B

FFFFFF



536753



9FB59E



3B4F3C



BAD0B9



253826



D5EDD5



112211



F2FFF1



000A00



000000



6B806B



6B806B



5E805E



788078



518051



858085

 458045

 918091

 388038


 9E809E

 2B802B

 AB80AB

 1E801E

 B880B8

 118011

 C580C5

 058005

 D180D1

 008000

 DE80DE

# Harmonies

## Analogous

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



7A7D63



6B806B



5E8277

# Triad

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



6B806B



687C94



957271

# Complementary

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



6B806B



806B80

# 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.



92727E



6B806B



797892

# Square

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



6B806B



5C808F



88748A



917566

# Rectangle

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



6B806B



598280



88748A



957275



# Sweetspot

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



6B806B



9DA69D



80806B



4F544F



D4D4D4



545454



# Same Dimension

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



6B806B



85A685



6B8076



394039



008000



000000



# Inverse Universe

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



806B80



A685A6



806B76



403940



800080



000000



# Previews

## White Background



This preview shows how the Hex color 6B806B looks on a white background.

## Color Contrast Check

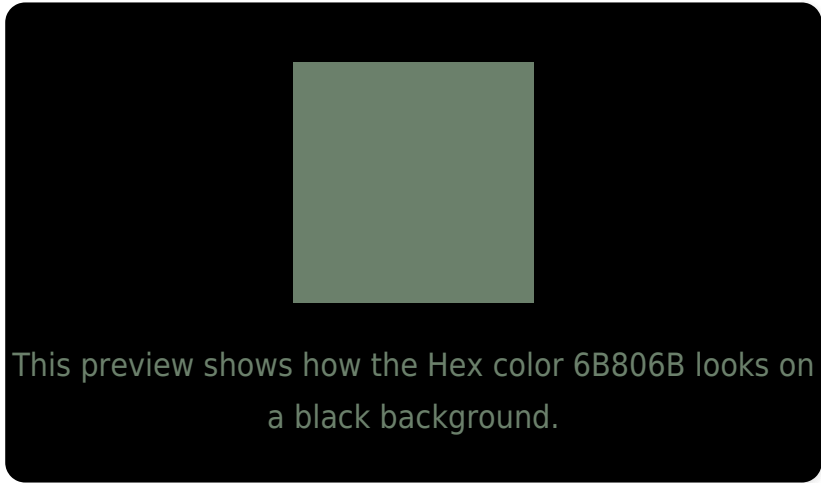
Large Text (above 18pt) WCAG AA ✓ Pass

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

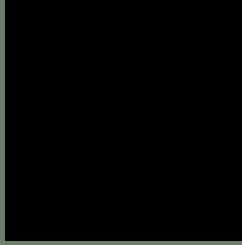
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B806B Background



This preview shows how black text looks on a background with the Hex color 6B806B.

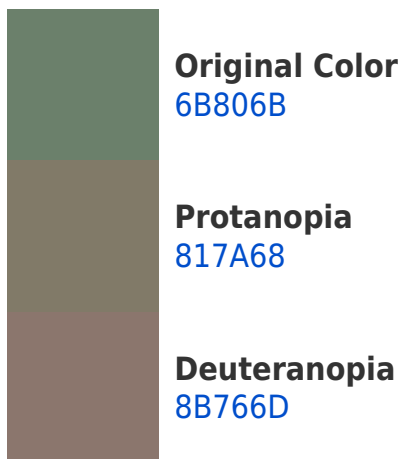


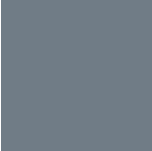
This preview shows how white text looks on a background with the Hex color 6B806B.

# 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





**Tritanopia**  
707C86

# Trichromacy



**Original Color**  
6B806B

**Protanomaly**  
797C69

**Deuteranomaly**  
7F7A6C

**Tritanomaly**  
6E7D7C

# Monochromacy



**Original Color**  
6B806B

**Achromatopsia**  
777777

**Achromatomaly**  
737A73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B806B 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 #6B806B looks like.

```
.text, #text, p{  
    color:#6B806B  
}
```

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 #6B806B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B806B
}
```

## Border

The CSS property to change the border of an element to Hex 6B806B 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
#6B806B }
```

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

```
.border{ border-color:#6B806B }
```

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

Here you see how a box with a 4 pixel #6B806B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B806B; -webkit-box-shadow:4px 4px  
4px 4px #6B806B; box-shadow:4px 4px 4px  
4px #6B806B }
```

# Background

The CSS property to change the background color of an element to Hex 6B806B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B806B }
```

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

```
.background{ background-color:#6B806B }
```

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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