

Converting Colors

Hex(67806B)

Have a look what the booklet for
Hex(67806B) contains.

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Color

Hex(67806B)

Conversions

Conversions Part 1

Format	Color
Hex	67806B
RGB	103, 128, 107
RGB Percent	40%, 50%, 42%
CMY	0.5961, 0.4980, 0.5804
CMYK	0.20, 0.00, 0.16, 0.50
HSL	130°, 11%, 45%
HSV	130°, 20%, 50%
XYZ	15.9665, 19.3834, 16.8098
YIQ	118.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

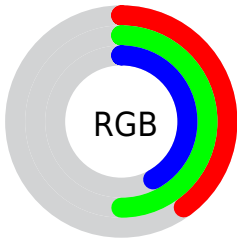
Format	Color
RYB	103, 125, 128
Decimal	6783083
CIELab	51.13, -13.48, 8.46
CIELCh	51, 15.913, 147.905
Yxy	19.3834, 0.3061, 0.3716
Android (android.graphics.Color)	4284973163 (0xFF67806B)
YUV	118.1310, -5.4876, -13.2699
Hunter-Lab	44.0266, -12.3125, 8.1812

Details

The Hex color **67806B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **80677C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9AB59E**, and **374F3C** is the 20% darker color. If you saturate the color by 10%, you get **5A8060**, and if you desaturate by 10%, it is **748076**.

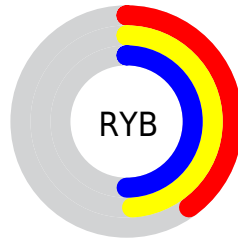
Distribution



Red (40%)

Green (50%)

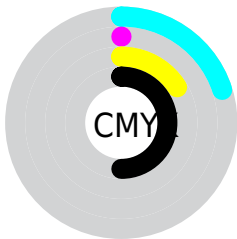
Blue (42%)



Red (40%)

Yellow (49%)

Blue (50%)

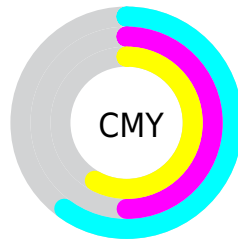


Cyan (20%)

Magenta (0%)

Yellow (16%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67806B 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 67806B by changing the saturation by 10% instead.



67806B



67806B

FFFFFF



4F6753



9AB59E



374F3C



B5D0B9



213826



D1EDD5



0D2211



EDFFF1



000800



000000



67806B



67806B



5A8060



748076



4D8055



818081

 41804B

 8D808B

 348040

 9A8096

 278035

 A780A1

 1A802A

 B480AC

 0D8020

 C180B6

 018015

 CD80C1

 008014

 DA80CC

Harmonies

Analogous

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



767D62



67806B



5A8278

Triad

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



67806B



697B95



96716E

Complementary

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



67806B



80677C

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.



94707B



67806B



7B7792

Square

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



67806B



5A7F90



8B7288



907463

Rectangle

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



67806B



558282



8B7288



967072

Sweetspot

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



67806B



9CA69D



7C8067



4E544F



D4D4D4



545454

Same Dimension

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



67806B



80A686



678077



39403A



008014



000000

Inverse Universe

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



80677C



A680A0



806770



40393F



80006B



000000

Previews

White Background



This preview shows how the Hex color 67806B looks on a white background.

Color Contrast Check

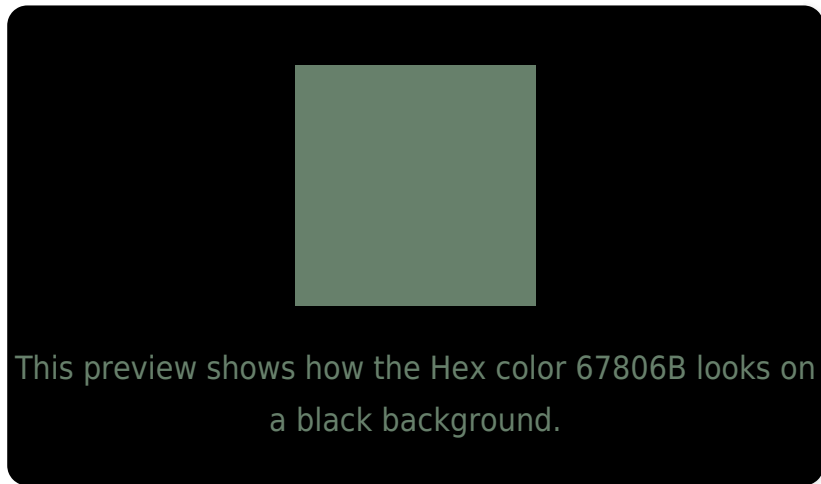
Large Text (above 18pt) WCAG AA ✓ Pass

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

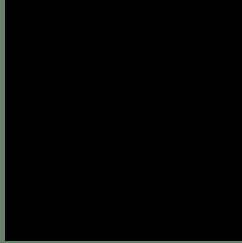
Any Text WCAG AA ✓ Pass

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 67806B Background



This preview shows how black text looks on a background with the Hex color 67806B.

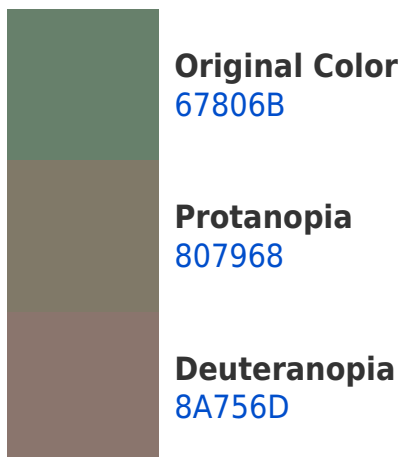


This preview shows how white text looks on a background with the Hex color 67806B.

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
6C7C86

Trichromacy



Original Color
67806B

Protanomaly
777C69

Deuteranomaly
7D796C

Tritanomaly
6A7D7C

Monochromacy



Original Color
67806B

Achromatopsia
767676

Achromatomaly
717A72

CSS Examples

Text

The CSS property to change the color of the text to Hex 67806B 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 #67806B looks like.

```
.text, #text, p{  
    color:#67806B  
}
```

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 #67806B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67806B
}
```

Border

The CSS property to change the border of an element to Hex 67806B 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".

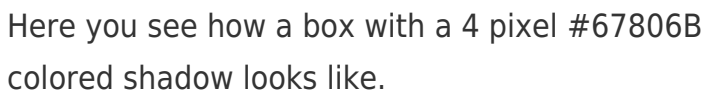
```
.border, #border, table{ border:4px solid
#67806B }
```

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

```
.border{ border-color:#67806B }
```

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

Here you see how a box with a 4 pixel #67806B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67806B; -webkit-box-shadow:4px 4px  
4px 4px #67806B; box-shadow:4px 4px 4px  
4px #67806B }
```

Background

The CSS property to change the background color of an element to Hex 67806B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67806B }
```

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

```
.background{ background-color:#67806B }
```

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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