

# Converting Colors

Hex(766C66)

Have a look what the booklet for  
Hex(766C66) contains.

|  |    |
|--|----|
| <b>Hex(766C66)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(766C66)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 766C66                    |
| RGB           | 118, 108, 102             |
| RGB Percent   | 46%, 42%, 40%             |
| CMY           | 0.5373, 0.5765, 0.6000    |
| CMYK          | 0.00, 0.08, 0.14, 0.54    |
| HSL           | 22°, 7%, 43%              |
| HSV           | 22°, 14%, 46%             |
| XYZ           | 15.2320, 15.5360, 14.7663 |
| YIQ           | 110.3060, 7.8860, 0.2540  |

# Conversions

## Conversions Part 2

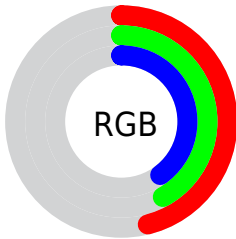
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 118, 112, 102                |
| Decimal                             | 7760998                      |
| CIE Lab                             | 46.36, 2.80, 4.76            |
| CIE LCh                             | 46, 5.522, 59.586            |
| Yxy                                 | 15.5360, 0.3345,<br>0.3412   |
| Android<br>(android.graphics.Color) | 4285951078<br>(0xFF766C66)   |
| YUV                                 | 110.3060, -4.0949,<br>6.7476 |
| Hunter-Lab                          | 39.4157, 0.0031,<br>5.3792   |

# Details

The Hex color **766C66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **667076**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AA9F99**, and **463D37** is the 20% darker color. If you saturate the color by 10%, you get **76655A**, and if you desaturate by 10%, it is **767372**.

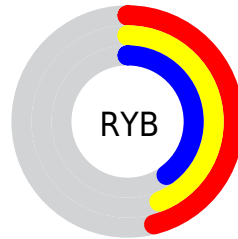
# Distribution



Red (46%)

Green (42%)

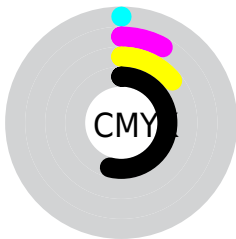
Blue (40%)



Red (46%)

Yellow (44%)

Blue (40%)

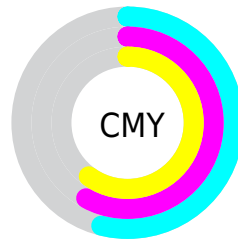


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766C66 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 766C66 by changing the saturation by 10% instead.





766C66



766C66

FFFFFF



5D544E



AA9F99



463D37



C6BAB4



2F2722



E2D6CF



1B120C



FEF2EB



000000



766C66



766C66



76655A



767372



765D4E



767B7E



765643



768289

764E37

768A95

76472B

7691A1

76401F

7698AD

763813

76A0B9

763108

76A7C4

762C00

76AED0

# Harmonies

## Analogous

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



786B69



766C66



726D65

# Triad

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



766C66



64716E



6F6D76

# Complementary

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



766C66



667076

# 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.



696E77



766C66



637072

# Square

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



766C66



677069



657076



746B73

# Rectangle

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



766C66



6E6E65



657076



6D6D76



# Sweetspot

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



766C66



999593



766670



4D4A49



CCCCCC



4D4D4D



# Same Dimension

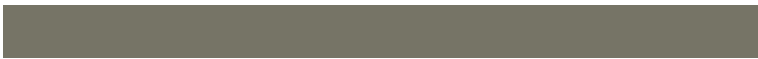
The Same Dimension uses a secret algorithm to generate beautiful new colors.



766C66



998A81



767466



3B3735



7A2E00



FA5E00



# Inverse Universe

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



667076



819099



666876



35383B



004D7A

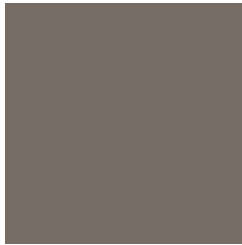


009CFA



# Previews

## White Background



This preview shows how the Hex color 766C66 looks on a white background.

## Color Contrast Check

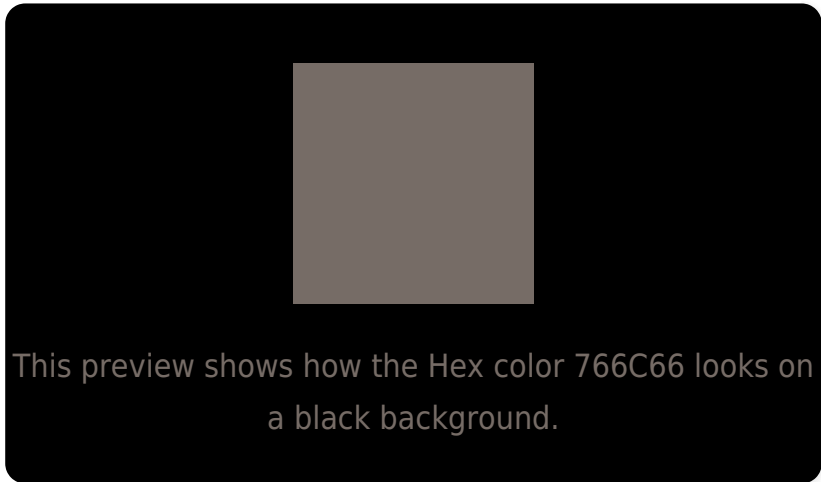
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

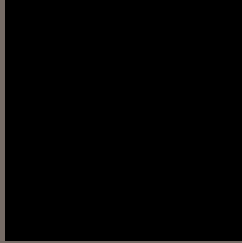
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766C66 Background



This preview shows how black text looks on a background with the Hex color 766C66.



This preview shows how white text looks on a background with the Hex color 766C66.

# 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**

766C66

**Protanopia**

716D67

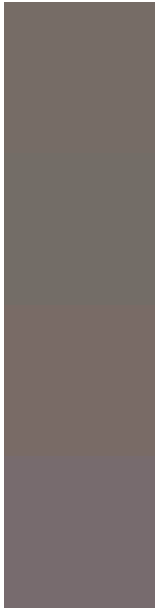
**Deuteranopia**

7B6A66



**Tritanopia**  
786A72

# Trichromacy



**Original Color**

766C66

**Protanomaly**

736D67

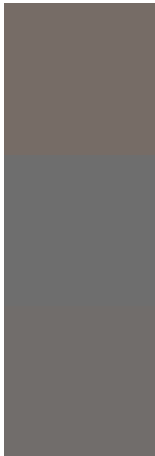
**Deuteranomaly**

796B66

**Tritanomaly**

776B6E

# Monochromacy



**Original Color**

766C66

**Achromatopsia**

6E6E6E

**Achromatomaly**

716D6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766C66 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 #766C66 looks like.

```
.text, #text, p{  
    color:#766C66  
}
```

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 #766C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766C66  
}
```

## Border

The CSS property to change the border of an element to Hex 766C66 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  
#766C66 }
```

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

```
.border{ border-color:#766C66 }
```

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

Here you see how a box with a 4 pixel #766C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766C66; -webkit-box-shadow:4px 4px  
4px 4px #766C66; box-shadow:4px 4px 4px  
4px #766C66 }
```

# Background

The CSS property to change the background color of an element to Hex 766C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766C66 }
```

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

```
.background{ background-color:#766C66 }
```

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