

# Converting Colors

Hex(766760)

Have a look what the booklet for  
Hex(766760) contains.

<b>Hex(766760)</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(766760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766760
RGB	118, 103, 96
RGB Percent	46%, 40%, 38%
CMY	0.5373, 0.5961, 0.6235
CMYK	0.00, 0.13, 0.19, 0.54
HSL	19°, 10%, 42%
HSV	19°, 19%, 46%
XYZ	14.4328, 14.3966, 13.0845
YIQ	106.6870, 11.1870, 1.0030

# Conversions

## Conversions Part 2

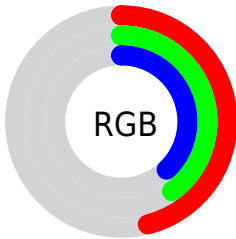
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 106, 96
Decimal	7759712
CIE <sub>Lab</sub>	44.80, 4.70, 6.13
CIE <sub>LCh</sub>	45, 7.721, 52.515
Yxy	14.3966, 0.3443, 0.3435
Android (android.graphics.Color)	4285949792 (0xFF766760)
YUV	106.6870, -5.2687, 9.9215
Hunter-Lab	37.9428, 1.4983, 6.1140

# Details

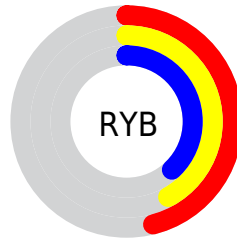
The Hex color **766760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **606F76**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AA9A92**, and **453832** is the 20% darker color. If you saturate the color by 10%, you get **765F54**, and if you desaturate by 10%, it is **766F6C**.

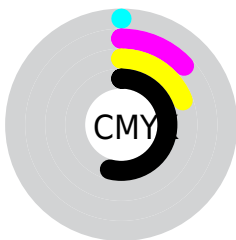
# Distribution



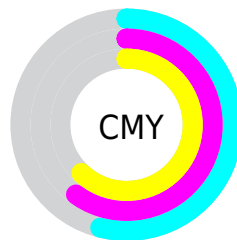
- Red (46%)
- Green (40%)
- Blue (38%)



- Red (46%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766760 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 766760 by changing the saturation by 10% instead.



 766760

 766760

FFFFFF

 5D4F48

 AA9A92

 453832

 C6B5AD

 2F231D

 E2D0C8

 1B0D03

 FEDEE4

 000000

 766760

 766760

 765F54

 766F6C

 765748

 767778

 764F3D

 767F83

 764731

 76878F

 763F25

 768F9B

 763719

 7697A7

 762F0D

 769FB3

 762702

 76A7BE

 762600

 76AFCA

# Harmonies

## Analogous

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



786665



766760



71695D

# Triad

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



766760



5D6E68



696976

# Complementary

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



766760



606F76

# 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.



616B77



766760



5A6E6F

# Square

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



766760



636D62



5C6D74



716772

# Rectangle

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



766760



6C6A5D



5C6D74



676A76



# Sweetspot

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



766760



999390



76606F



4D4947



CCCCCC



4D4D4D



# Same Dimension

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



766760



998277



767260



3B3735



7A2700



FA5000



# Inverse Universe

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



606F76



778E99



606476



35393B



00537A



00AAFA



# Previews

## White Background



This preview shows how the Hex color 766760 looks on a white background.

## Color Contrast Check

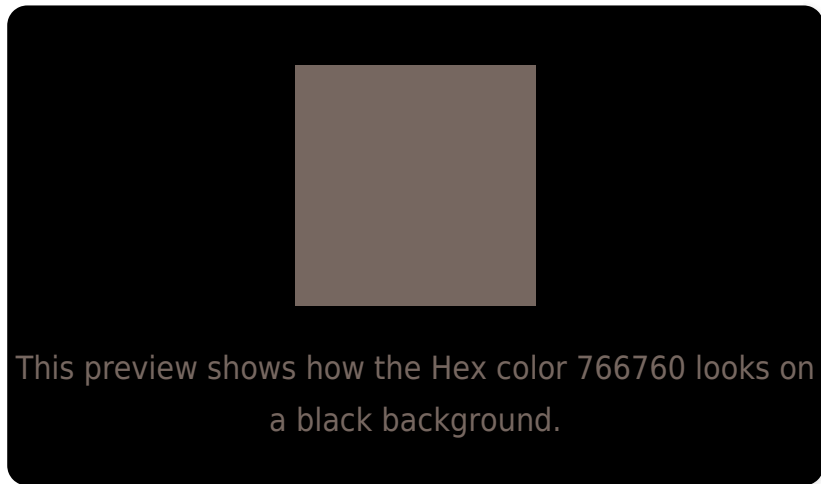
Large Text (above 18pt) WCAG AA ✓ Pass

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

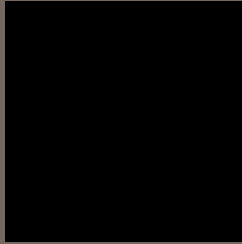
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766760 Background



This preview shows how black text looks on a background with the Hex color 766760.

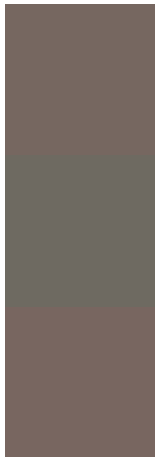


This preview shows how white text looks on a background with the Hex color 766760.

# 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**  
766760

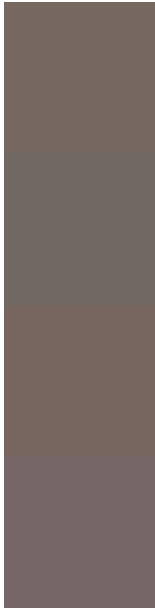
**Protanopia**  
6E6A61

**Deuteranopia**  
786660



**Tritanopia**  
78656D

# Trichromacy



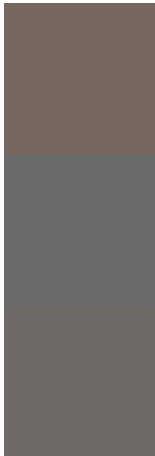
**Original Color**  
766760

**Protanomaly**  
716961

**Deuteranomaly**  
776660

**Tritanomaly**  
776668

# Monochromacy



**Original Color**  
766760

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6F6A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766760 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 #766760 looks like.

```
.text, #text, p{  
    color:#766760  
}
```

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 #766760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766760
}
```

## Border

The CSS property to change the border of an element to Hex 766760 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
#766760 }
```

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

```
.border{ border-color:#766760 }
```

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

Here you see how a box with a 4 pixel #766760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766760; -webkit-box-shadow:4px 4px  
4px 4px #766760; box-shadow:4px 4px 4px  
4px #766760 }
```

# Background

The CSS property to change the background color of an element to Hex 766760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766760 }
```

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

```
.background{ background-color:#766760 }
```

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