

# Converting Colors

Hex(766059)

Have a look what the booklet for  
Hex(766059) contains.

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# Color

**Hex(766059)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766059
RGB	118, 96, 89
RGB Percent	46%, 38%, 35%
CMY	0.5373, 0.6235, 0.6510
CMYK	0.00, 0.19, 0.25, 0.54
HSL	14°, 14%, 41%
HSV	14°, 25%, 46%
XYZ	13.4573, 12.9386, 11.2393
YIQ	101.7800, 15.3590, 2.4870

# Conversions

## Conversions Part 2

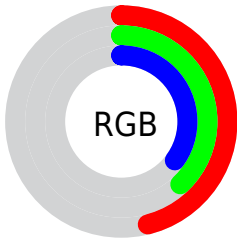
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 98, 89
Decimal	7757913
CIE Lab	42.67, 7.71, 7.34
CIE LCh	43, 10.644, 43.578
Yxy	12.9386, 0.3576, 0.3438
Android (android.graphics.Color)	4285947993 (0xFF766059)
YUV	101.7800, -6.3005, 14.2249
Hunter-Lab	35.9702, 3.8329, 6.6533

# Details

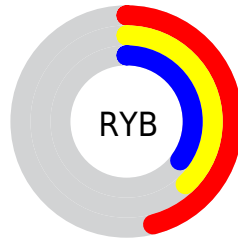
The Hex color **766059** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **596F76**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AB938B**, and **45322C** is the 20% darker color. If you saturate the color by 10%, you get **76574D**, and if you desaturate by 10%, it is **766965**.

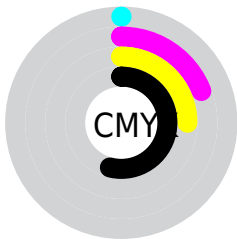
# Distribution



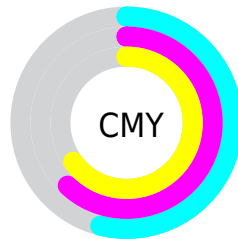
- Red (46%)
- Green (38%)
- Blue (35%)



- Red (46%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766059 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 766059 by changing the saturation by 10% instead.



 766059

 766059

FFFFFF

 5D4842

 AB938B

 45322C

 C6ADA5

 2E1D17

 E2C8C0

 1B0300

 FFE5DC

 000000

 FFFFF9

 766059

 766059

 76574D

 766965

 764E41

 767271

■ 764536

■ 767B7C

■ 763C2A

■ 768488

■ 76331E

■ 768D94

■ 762A12

■ 7696A0

■ 762106

■ 769FAC

■ 761C00

■ 76A8B7

■ 76B1C3

# Harmonies

## Analogous

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



775F61



766059



706354

# Triad

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



766059



546A5F



606476

# Complementary

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



766059



596F76

# 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.



556775



766059



4E6A69

# Square

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



766059



5D6858



4F6970



6B6171

# Rectangle

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



766059



6B6453



4F6970



5C6576



# Sweetspot

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



766059



99918E



76596F



4D4846



CCCCCC



4D4D4D



# Same Dimension

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



766059



99776D



766E59



3B3635



7A1E00



FA3C00



# Inverse Universe

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



596F76



6D8E99



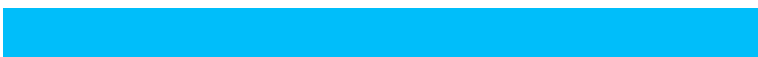
596176



35393B



005D7A



00BEFA



# Previews

## White Background



This preview shows how the Hex color 766059 looks on a white background.

## Color Contrast Check

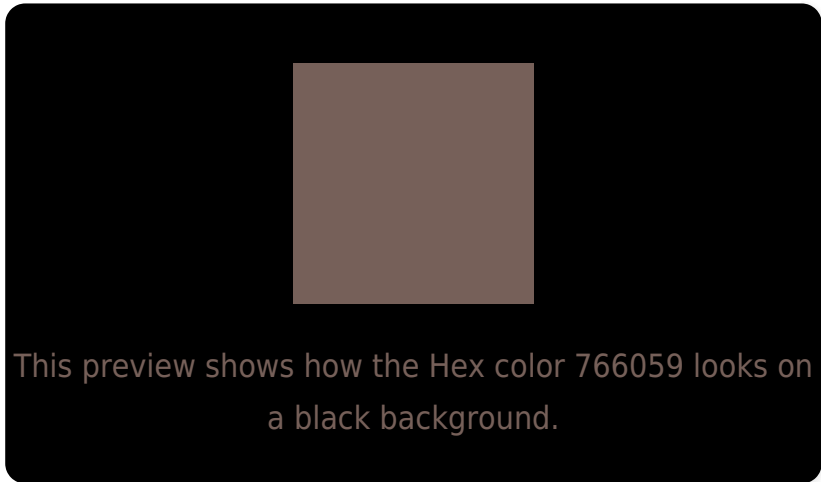
Large Text (above 18pt) WCAG AA ✓ Pass

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

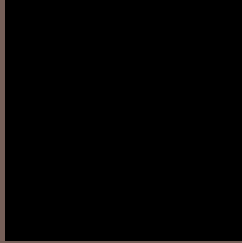
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766059 Background



This preview shows how black text looks on a background with the Hex color 766059.



This preview shows how white text looks on a background with the Hex color 766059.

# 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**

766059

**Protanopia**

69655B

**Deuteranopia**

736159



**Tritanopia**  
775E65

# Trichromacy



**Original Color**

766059

**Protanomaly**

6E635A

**Deuteranomaly**

746159

**Tritanomaly**

775F61

# Monochromacy



**Original Color**

766059

**Achromatopsia**

666666

**Achromatomaly**

6C6461

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766059 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 #766059 looks like.

```
.text, #text, p{  
    color:#766059  
}
```

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 #766059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766059
}
```

## Border

The CSS property to change the border of an element to Hex 766059 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".

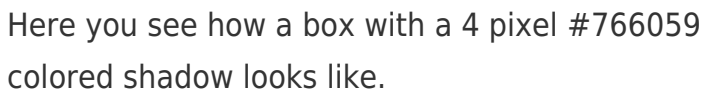
```
.border, #border, table{ border:4px solid
#766059 }
```

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

```
.border{ border-color:#766059 }
```

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

Here you see how a box with a 4 pixel #766059 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766059; -webkit-box-shadow:4px 4px  
4px 4px #766059; box-shadow:4px 4px 4px  
4px #766059 }
```

# Background

The CSS property to change the background color of an element to Hex 766059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766059 }
```

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

```
.background{ background-color:#766059 }
```

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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