

# Converting Colors

Hex(766F77)

Have a look what the booklet for  
Hex(766F77) contains.

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# Color

**Hex(766F77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766F77
RGB	118, 111, 119
RGB Percent	46%, 44%, 47%
CMY	0.5373, 0.5647, 0.5333
CMYK	0.01, 0.07, 0.00, 0.53
HSL	292°, 3%, 45%
HSV	292°, 7%, 47%
XYZ	16.4854, 16.5523, 19.7788
YIQ	114.0050, 1.6040, 3.9720

# Conversions

## Conversions Part 2

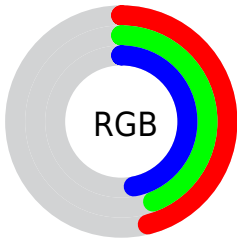
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 111, 119
Decimal	7761783
CIE <sub>Lab</sub>	47.69, 4.31, -3.46
CIE <sub>LCh</sub>	48, 5.526, 321.279
Yxy	16.5523, 0.3121, 0.3134
Android (android.graphics.Color)	4285951863 (0xFF766F77)
YUV	114.0050, 2.4625, 3.5036
Hunter-Lab	40.6846, 1.1304, -0.3446

# Details

The Hex color **766F77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70776F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AAA3AB**, and **463F47** is the 20% darker color. If you saturate the color by 10%, you get **756377**, and if you desaturate by 10%, it is **777B77**.

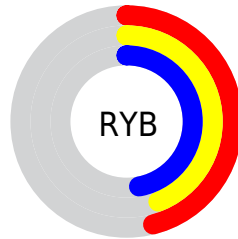
# Distribution



Red (46%)

Green (44%)

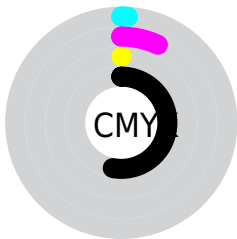
Blue (47%)



Red (46%)

Yellow (44%)

Blue (47%)

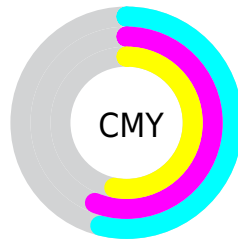


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (56%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766F77 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 766F77 by changing the saturation by 10% instead.



■ 766F77

■ 766F77

FFFFFF

■ 5D575E

■ AAA3AB

■ 463F47

■ C5BEC6

■ 2F2930

■ E1D9E2

■ 1B151C

■ FEF6FF

■ 000000

■ 766F77

■ 766F77

■ 756377

■ 777B77

■ 735777

■ 798777

■ 724B77

■ 7A9377

703F77

7C9F77

6F3377

7DAB77

6D2877

7FB677

6C1C77

80C277

6A1077

82CE77

690477

83DA77

# Harmonies

## Analogous

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



70707A



766F77



7A6E73

# Triad

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



766F77



777068



667474

# Complementary

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



766F77



70776F

# 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.



687470



766F77



717268

# Square

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



766F77



7A6F6A



6C736B



677378

# Rectangle

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



766F77



7B6E6F



6C736B



667473



# Sweetspot

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



766F77



9B989C



6F7077



4F4D4F



CFCFCF



4F4F4F



# Same Dimension

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



766F77



9A8F9C



776F74



3A353B



6B007A



DB00FA



# Inverse Universe

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



776F70



9C8F91



6F7772



3B3536



7A000F



FA001F



# Previews

## White Background



This preview shows how the Hex color 766F77 looks on a white background.

## Color Contrast Check

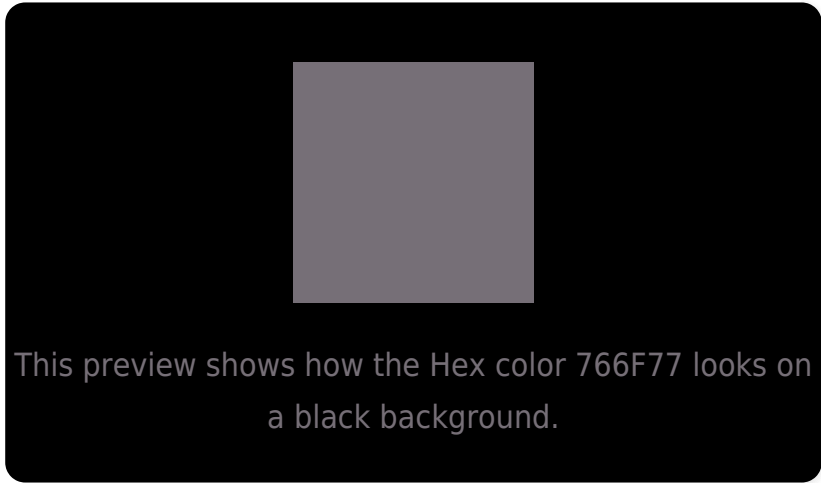
Large Text (above 18pt) WCAG AA ✓ Pass

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

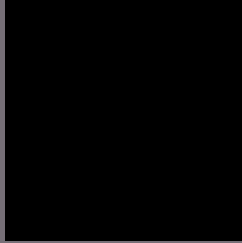
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766F77 Background



This preview shows how black text looks on a background with the Hex color 766F77.



This preview shows how white text looks on a background with the Hex color 766F77.

# 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**

766F77

**Protanopia**

717078

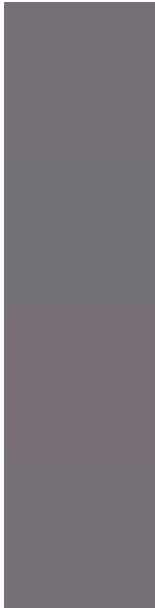
**Deuteranopia**

796E77



**Tritanopia**  
766F78

# Trichromacy



**Original Color**

766F77

**Protanomaly**

737078

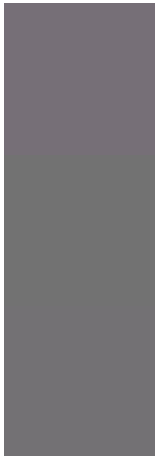
**Deuteranomaly**

786E77

**Tritanomaly**

766F78

# Monochromacy



**Original Color**

766F77

**Achromatopsia**

727272

**Achromatomaly**

737174

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766F77 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 #766F77 looks like.

```
.text, #text, p{  
    color:#766F77  
}
```

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 #766F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766F77
}
```

## Border

The CSS property to change the border of an element to Hex 766F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

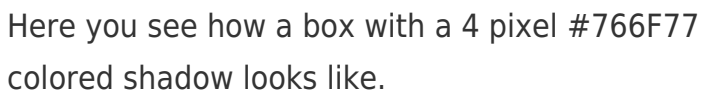
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#766F77 }
```

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

```
.border{ border-color:#766F77 }
```

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



Here you see how a box with a 4 pixel #766F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766F77; -webkit-box-shadow:4px 4px  
4px 4px #766F77; box-shadow:4px 4px 4px  
4px #766F77 }
```

# Background

The CSS property to change the background color of an element to Hex 766F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766F77 }
```

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

```
.background{ background-color:#766F77 }
```

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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