

# Converting Colors

Hex(766B6E)

Have a look what the booklet for  
Hex(766B6E) contains.

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# Color

Hex(766B6E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	766B6E
RGB	118, 107, 110
RGB Percent	46%, 42%, 43%
CMY	0.5373, 0.5804, 0.5686
CMYK	0.00, 0.09, 0.07, 0.54
HSL	344°, 5%, 44%
HSV	344°, 9%, 46%
XYZ	15.5434, 15.4927, 16.9230
YIQ	110.6310, 5.5930, 3.2650

# Conversions

## Conversions Part 2

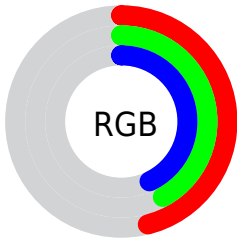
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 107, 110
Decimal	7760750
CIE Lab	46.30, 4.88, -0.11
CIE LCh	46, 4.885, 358.655
Yxy	15.4927, 0.3241, 0.3230
Android (android.graphics.Color)	4285950830 (0xFF766B6E)
YUV	110.6310, -0.3111, 6.4626
Hunter-Lab	39.3608, 1.6073, 2.0611

# Details

The Hex color **766B6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B7673**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AA9EA2**, and **463C3F** is the 20% darker color. If you saturate the color by 10%, you get **765F65**, and if you desaturate by 10%, it is **767777**.

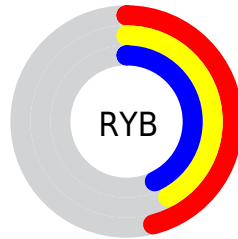
# Distribution



Red (46%)

Green (42%)

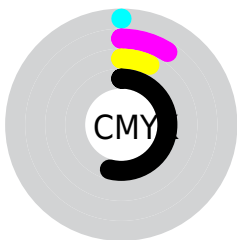
Blue (43%)



Red (46%)

Yellow (42%)

Blue (43%)

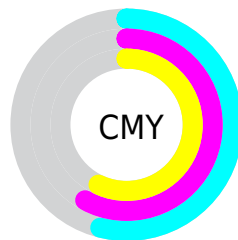


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766B6E 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 766B6E by changing the saturation by 10% instead.





766B6E



766B6E

FFFFFF



5D5356



AA9EA2



463C3F



C5B9BD



2F2629



E1D5D8



1B1214



FEF1F5



000000



766B6E



766B6E



765F65



767777



76535D



76837F



764854



768E88

 763C4C

 769A90

 763043

 76A699

 76243B

 76B2A1

 761832

 76BEAA

 760D29

 76C9B3

 760121

 76D5BB

# Harmonies

## Analogous

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



736C72



766B6E



776B6A

# Triad

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



766B6E



6D6F66



656F74

# Complementary

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



766B6E



6B7673

# 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.



647071



766B6E



687069

# Square

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



766B6E



716D66



65706D



696E76

# Rectangle

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



766B6E



766C68



65706D



657074



# Sweetspot

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



766B6E



999496



736B76



4D494A



CCCCCC



4D4D4D



# Same Dimension

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



766B6E



99888D



766D6B



3B3536



7A0021



FA0044



# Inverse Universe

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



766B6E



99888D



6B7476



3B3536



7A0021



FA0044



# Previews

## White Background



This preview shows how the Hex color 766B6E looks on a white background.

## Color Contrast Check

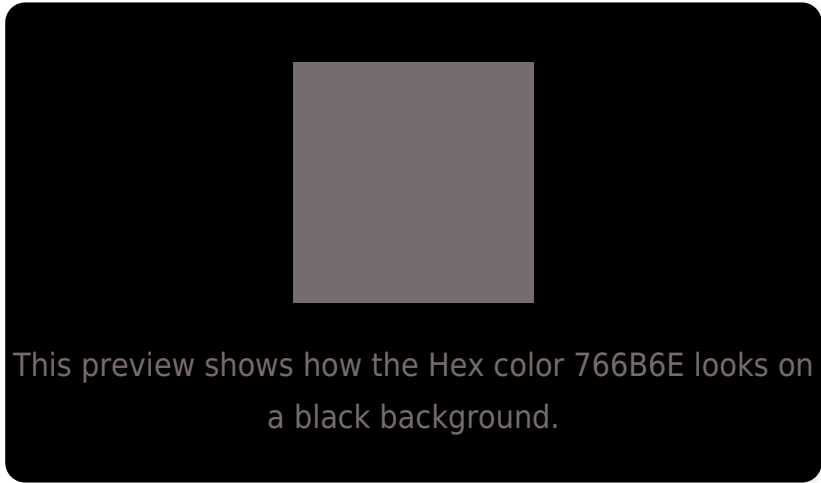
Large Text (above 18pt) WCAG AA ✓ Pass

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

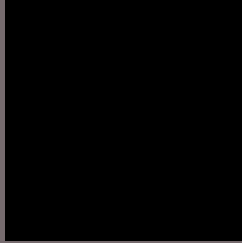
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766B6E Background



This preview shows how black text looks on a background with the Hex color 766B6E.



This preview shows how white text looks on a background with the Hex color 766B6E.

# 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**


766B6E

**Protanopia**

6F6D6F

**Deuteranopia**

786A6E



**Tritanopia**  
776A73

# Trichromacy



**Original Color**  
766B6E

**Protanomaly**  
726C6F

**Deuteranomaly**  
776A6E

**Tritanomaly**  
776A71

# Monochromacy



**Original Color**  
766B6E

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
726E6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766B6E 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 #766B6E looks like.

```
.text, #text, p{  
    color:#766B6E  
}
```

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 #766B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766B6E
}
```

## Border

The CSS property to change the border of an element to Hex 766B6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

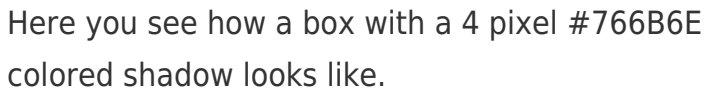
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#766B6E }
```

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

```
.border{ border-color:#766B6E }
```

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



Here you see how a box with a 4 pixel #766B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766B6E; -webkit-box-shadow:4px 4px  
4px 4px #766B6E; box-shadow:4px 4px 4px  
4px #766B6E }
```

# Background

The CSS property to change the background color of an element to Hex 766B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766B6E }
```

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

```
.background{ background-color:#766B6E }
```

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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