

# Converting Colors

Hex(766671)

Have a look what the booklet for  
Hex(766671) contains.

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# Color

**Hex(766671)**

# Conversions

## Conversions Part 1

Format	Color
Hex	766671
RGB	118, 102, 113
RGB Percent	46%, 40%, 44%
CMY	0.5373, 0.6000, 0.5569
CMYK	0.00, 0.14, 0.04, 0.54
HSL	319°, 7%, 43%
HSV	319°, 14%, 46%
XYZ	15.2032, 14.5465, 17.6293
YIQ	108.0380, 6.0050, 6.8130

# Conversions

## Conversions Part 2

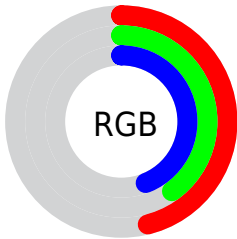
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 102, 113
Decimal	7759473
CIE <sub>Lab</sub>	45.01, 8.46, -3.82
CIE <sub>LCh</sub>	45, 9.280, 335.672
Yxy	14.5465, 0.3209, 0.3070
Android (android.graphics.Color)	4285949553 (0xFF766671)
YUV	108.0380, 2.4463, 8.7367
Hunter-Lab	38.1399, 4.4082, -0.7074

# Details

The Hex color **766671** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66766B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AA99A5**, and **463741** is the 20% darker color. If you saturate the color by 10%, you get **765A6D**, and if you desaturate by 10%, it is **767275**.

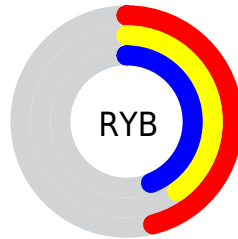
# Distribution



Red (46%)

Green (40%)

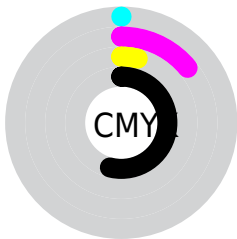
Blue (44%)



Red (46%)

Yellow (40%)

Blue (44%)

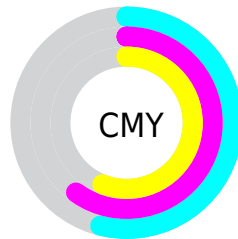


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (54%)



Cyan (54%)

Magenta (60%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766671 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 766671 by changing the saturation by 10% instead.





766671



766671

FFFFFF



5D4E59



AA99A5



463741



C6B4C0



2F222B



E2CFDC



1B0C17



FEECF8



000000



766671



766671



765A6D



767275



764E6A



767E78



764366



76897C

■ 763762

■ 769580

■ 762B5F

■ 76A183

■ 761F5B

■ 76AD87

■ 761357

■ 76B98B

■ 760853

■ 76C48F

■ 760051

■ 76D092

# Harmonies

## Analogous

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



6E6877



766671



7B6569

# Triad

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



766671



6F6A5B



576F73

# Complementary

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



766671



66766B

# 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.



586F6C



766671



666D5E

# Square

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



766671



77685D



5E6E64



5B6D78

# Rectangle

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



766671



7B6664



5E6E64



576F71



# Sweetspot

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



766671



999397



6B6676



4D494B



CCCCCC



4D4D4D



# Same Dimension

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



766671



998191



766669



3B3539



7A0054



FA00AC



# Inverse Universe

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



766671



998191



667673



3B3539



7A0054



FA00AC



# Previews

## White Background



This preview shows how the Hex color 766671 looks on a white background.

## Color Contrast Check

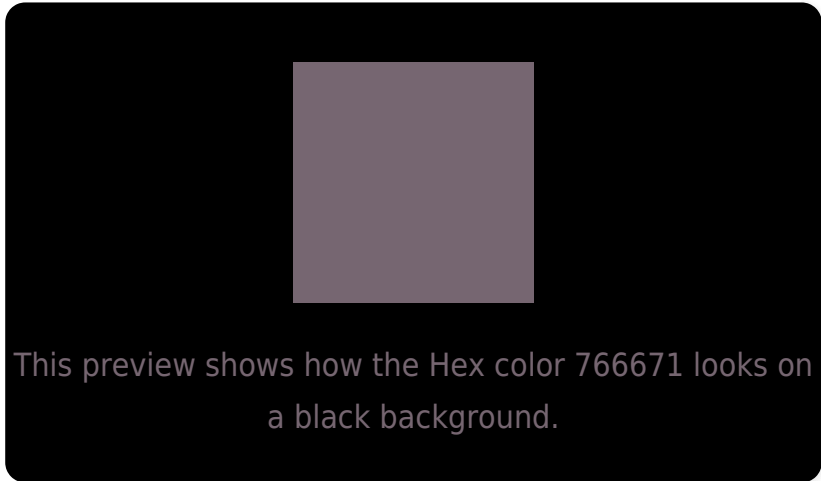
Large Text (above 18pt) WCAG AA ✓ Pass

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

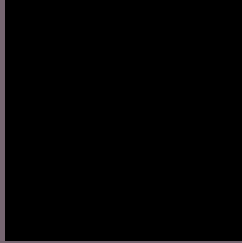
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766671 Background



This preview shows how black text looks on a background with the Hex color 766671.



This preview shows how white text looks on a background with the Hex color 766671.

# 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**


766671

**Protanopia**

6A6A73

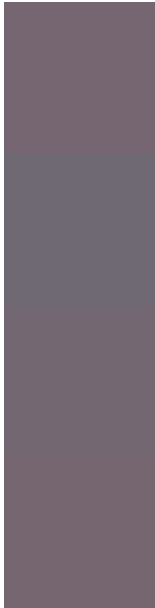
**Deuteranopia**

726771



**Tritanopia**  
76666E

# Trichromacy



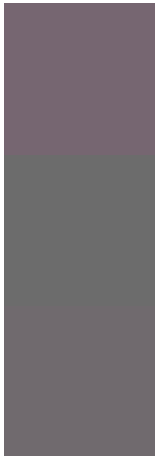
**Original Color**  
766671

**Protanomaly**  
6E6972

**Deuteranomaly**  
736771

**Tritanomaly**  
76666F

# Monochromacy



**Original Color**  
766671

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
706A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766671 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 #766671 looks like.

```
.text, #text, p{  
    color:#766671  
}
```

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 #766671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766671  
}
```

## Border

The CSS property to change the border of an element to Hex 766671 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".

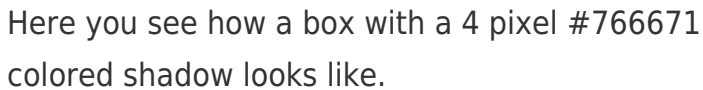
```
.border, #border, table{ border:4px solid  
#766671 }
```

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

```
.border{ border-color:#766671 }
```

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

Here you see how a box with a 4 pixel #766671 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766671; -webkit-box-shadow:4px 4px  
4px 4px #766671; box-shadow:4px 4px 4px  
4px #766671 }
```

# Background

The CSS property to change the background color of an element to Hex 766671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766671 }
```

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

```
.background{ background-color:#766671 }
```

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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