

# Converting Colors

Hex(766A6A)

Have a look what the booklet for  
Hex(766A6A) contains.

<b>Hex(766A6A)</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(766A6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	766A6A
RGB	118, 106, 106
RGB Percent	46%, 42%, 42%
CMY	0.5373, 0.5843, 0.5843
CMYK	0.00, 0.10, 0.10, 0.54
HSL	0°, 5%, 44%
HSV	0°, 10%, 46%
XYZ	15.2268, 15.2002, 15.7671
YIQ	109.5880, 7.1520, 2.5440

# Conversions

## Conversions Part 2

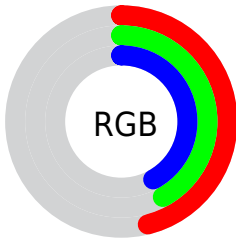
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 106, 106
Decimal	7760490
CIE <sub>Lab</sub>	45.91, 4.71, 1.71
CIE <sub>LCh</sub>	46, 5.016, 19.950
Yxy	15.2002, 0.3296, 0.3291
Android (android.graphics.Color)	4285950570 (0xFF766A6A)
YUV	109.5880, -1.7689, 7.3773
Hunter-Lab	38.9875, 1.4861, 3.3135

# Details

The Hex color **766A6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A7676**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AA9D9D**, and **463B3B** is the 20% darker color. If you saturate the color by 10%, you get **765E5E**, and if you desaturate by 10%, it is **767676**.

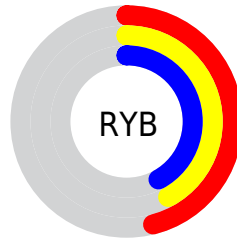
# Distribution



Red (46%)

Green (42%)

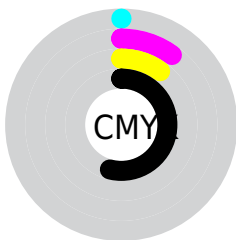
Blue (42%)



Red (46%)

Yellow (42%)

Blue (42%)

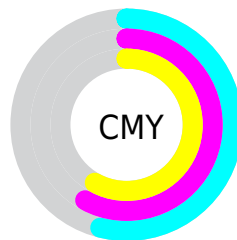


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766A6A 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 766A6A by changing the saturation by 10% instead.





766A6A



766A6A

FFFFFF



5D5252



AA9D9D



463B3B



C5B8B8



2F2525



E1D4D4



1B1010



FEF0F0



000000



766A6A



766A6A



765E5E



767676



765252



768282




764747



768D8D

 763B3B

 769999

 762F2F

 76A5A5

 762323

 76B1B1

 761717

 76BDBD

 760C0C

 76C8C8

 760000

 76D4D4

# Harmonies

## Analogous

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



756A6E



766A6A



756B66

# Triad

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



766A6A



686E67



676D75

# Complementary

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



766A6A



6A7676

# 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.



636F73



766A6A



646F6B

# Square

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



766A6A



6D6D65



636F6F



6C6C75

# Rectangle

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



766A6A



736B65



636F6F



666E74



# Sweetspot

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



766A6A



999494



766A76



4D4949



CCCCCC



4D4D4D



# Same Dimension

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



766A6A



998787



76706A



3B3535



7A0000



FA0000



# Inverse Universe

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



6A7676



879999



6A7076



353B3B



007A7A



00FAFA



# Previews

## White Background



This preview shows how the Hex color 766A6A looks on a white background.

## Color Contrast Check

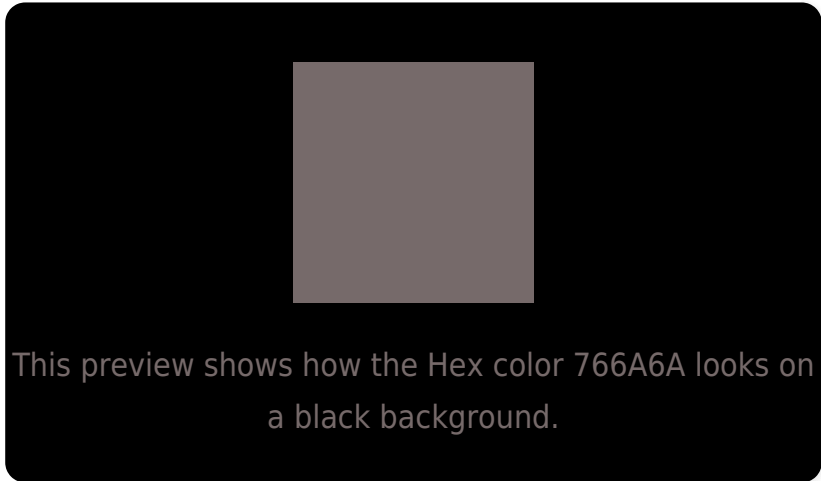
Large Text (above 18pt) WCAG AA ✓ Pass

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

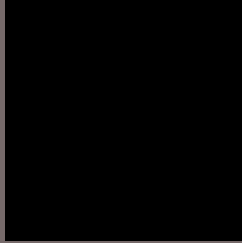
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766A6A Background



This preview shows how black text looks on a background with the Hex color 766A6A.



This preview shows how white text looks on a background with the Hex color 766A6A.

# 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**


766A6A

**Protanopia**

6F6C6B

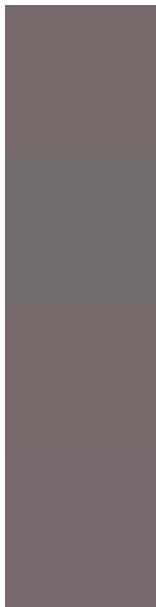
**Deuteranopia**

78696A



**Tritanopia**  
776971

# Trichromacy



**Original Color**

766A6A

**Protanomaly**

726B6B

**Deuteranomaly**

77696A

**Tritanomaly**

77696E

# Monochromacy



**Original Color**

766A6A

**Achromatopsia**

6E6E6E

**Achromatomaly**

716D6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766A6A 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 #766A6A looks like.

```
.text, #text, p{  
    color:#766A6A  
}
```

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 #766A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766A6A
}
```

## Border

The CSS property to change the border of an element to Hex 766A6A 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
#766A6A }
```

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

```
.border{ border-color:#766A6A }
```

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

Here you see how a box with a 4 pixel #766A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766A6A; -webkit-box-shadow:4px 4px  
4px 4px #766A6A; box-shadow:4px 4px 4px  
4px #766A6A }
```

# Background

The CSS property to change the background color of an element to Hex 766A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766A6A }
```

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

```
.background{ background-color:#766A6A }
```

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