

# Converting Colors

Hex(756A70)

Have a look what the booklet for  
Hex(756A70) contains.

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# Color

**Hex(756A70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756A70
RGB	117, 106, 112
RGB Percent	46%, 42%, 44%
CMY	0.5412, 0.5843, 0.5608
CMYK	0.00, 0.09, 0.04, 0.54
HSL	327°, 5%, 44%
HSV	327°, 9%, 46%
XYZ	15.4148, 15.2598, 17.4622
YIQ	109.9730, 4.6300, 4.1980

# Conversions

## Conversions Part 2

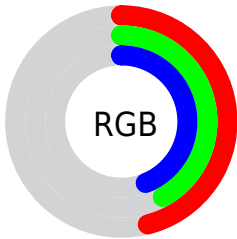
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 106, 112
Decimal	7694960
CIE Lab	45.99, 5.48, -1.79
CIE LCh	46, 5.763, 341.949
Yxy	15.2598, 0.3202, 0.3170
Android (android.graphics.Color)	4285885040 (0xFF756A70)
YUV	109.9730, 0.9993, 6.1627
Hunter-Lab	39.0638, 2.0753, 0.8410

# Details

The Hex color **756A70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A756F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A99DA4**, and **453B40** is the 20% darker color. If you saturate the color by 10%, you get **755E6B**, and if you desaturate by 10%, it is **757675**.

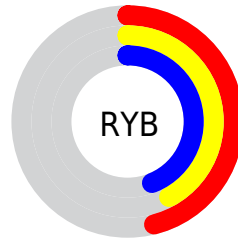
# Distribution



Red (46%)

Green (42%)

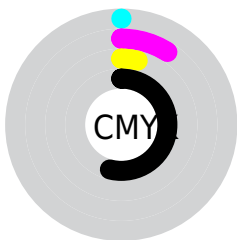
Blue (44%)



Red (46%)

Yellow (42%)

Blue (44%)

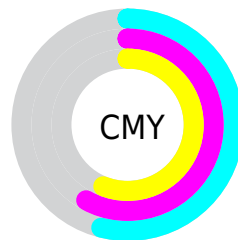


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (54%)



Cyan (54%)

Magenta (58%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756A70 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 756A70 by changing the saturation by 10% instead.



756A70

756A70

FFFFFF

5C5258

A99DA4

453B40

C4B8BF

2E252A

E0D4DB

1A1016

FDF0F7

000000

756A70

756A70

755E6B

757675

755365

75817B

754760

758D80

■ 753B5B

■ 759985

■ 753055

■ 75A58B

■ 752450

■ 75B090

■ 75184B

■ 75BC95

■ 750C45

■ 75C89B

■ 750140

■ 75D3A0

# Harmonies

## Analogous

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



706B74



756A70



776A6B

# Triad

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



756A70



6F6D64



626F73

# Complementary

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



756A70



6A756F

# 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.



61706F



756A70



696F66

# Square

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



756A70



746C64



64706A



656E76

# Rectangle

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



756A70



776A68



64706A



617072



# Sweetspot

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



756A70



999497



6F6A75



4D494B



CCCCCC



4D4D4D



# Same Dimension

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



756A70



998891



756A6B



3B3538



7A0043



FA0088



# Inverse Universe

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



756A70



998891



6A7574



3B3538



7A0043



FA0088



# Previews

## White Background



This preview shows how the Hex color 756A70 looks on a white background.

## Color Contrast Check

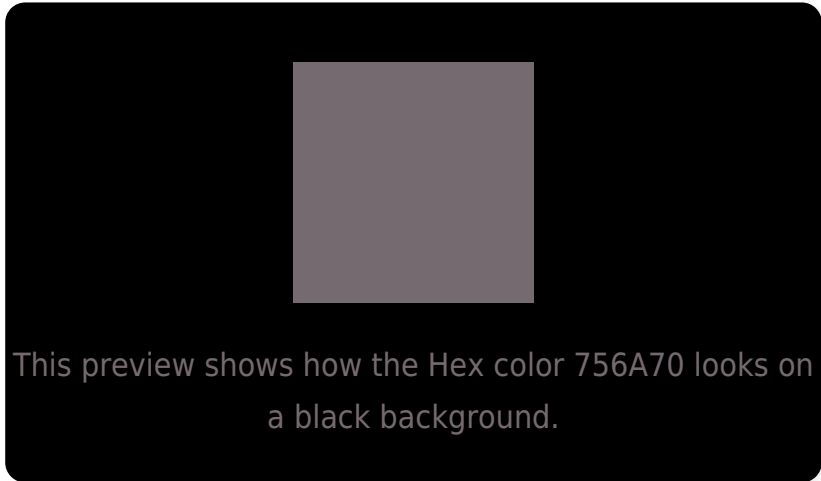
Large Text (above 18pt) WCAG AA ✓ Pass

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

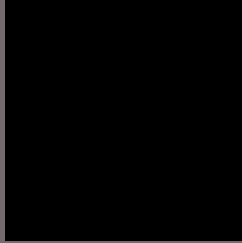
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 756A70 Background



This preview shows how black text looks on a background with the Hex color 756A70.



This preview shows how white text looks on a background with the Hex color 756A70.

# 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**  
756A70

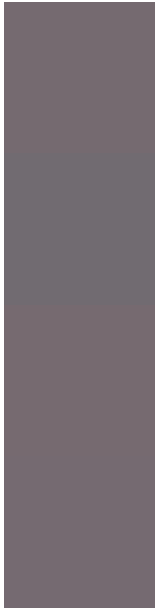
**Protanopia**  
6E6C71

**Deuteranopia**  
766A70



**Tritanopia**  
756A72

# Trichromacy



**Original Color**

756A70

**Protanomaly**

716B71

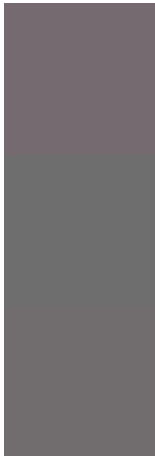
**Deuteranomaly**

766A70

**Tritanomaly**

756A71

# Monochromacy



**Original Color**

756A70

**Achromatopsia**

6E6E6E

**Achromatomaly**

716D6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756A70 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 #756A70 looks like.

```
.text, #text, p{  
    color:#756A70  
}
```

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 #756A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756A70
}
```

## Border

The CSS property to change the border of an element to Hex 756A70 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
#756A70 }
```

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

```
.border{ border-color:#756A70 }
```

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

Here you see how a box with a 4 pixel #756A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756A70; -webkit-box-shadow:4px 4px  
4px 4px #756A70; box-shadow:4px 4px 4px  
4px #756A70 }
```

# Background

The CSS property to change the background color of an element to Hex 756A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756A70 }
```

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

```
.background{ background-color:#756A70 }
```

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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