

# Converting Colors

Hex(70706F)

Have a look what the booklet for  
Hex(70706F) contains.

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# Color

**Hex(70706F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70706F
RGB	112, 112, 111
RGB Percent	44%, 44%, 44%
CMY	0.5608, 0.5608, 0.5647
CMYK	0.00, 0.00, 0.01, 0.56
HSL	60°, 0%, 44%
HSV	60°, 1%, 44%
XYZ	15.3455, 16.1808, 17.3533
YIQ	111.8860, 0.3210, -0.3110

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 112, 111
Decimal	7368815
CIE Lab	47.21, -0.20, 0.55
CIE LCh	47, 0.584, 110.026
Yxy	16.1808, 0.3139, 0.3310
Android (android.graphics.Color)	4285558895 (0xFF70706F)
YUV	111.8860, -0.4368, 0.1000
Hunter-Lab	40.2253, -2.2987, 2.5799

# Details

The Hex color **70706F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6F70**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A4A4A3**, and **40403F** is the 20% darker color. If you saturate the color by 10%, you get **707064**, and if you desaturate by 10%, it is **70707A**.

# Distribution



Red (44%)

Green (44%)

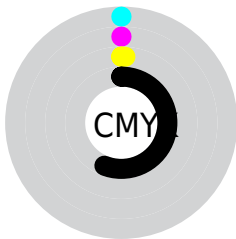
Blue (44%)



Red (44%)

Yellow (44%)

Blue (44%)



Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70706F 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 70706F by changing the saturation by 10% instead.





70706F



70706F

FFFFFF



585857



A4A4A3



40403F



BFBFBE



2A2A2A



DBDBD9



161615



F7F7F6



000000



70706F



70706F



707064



70707A



707059



707085



70704D



707091

 707042

 70709C

 707037

 7070A7

 70702C

 7070B2

 707021

 7070BD

 707015

 7070C9

 70700A

 7070D4

# Harmonies

## Analogous

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



71706F



70706F



6F706F

# Triad

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



70706F



6F7071



717070

# Complementary

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



70706F



6F6F70

# 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.



707071



70706F



6F7071

# Square

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



70706F



6F7070



707071



717070

# Rectangle

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



70706F



6F7070



707071



717070



# Sweetspot

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



70706F



919191



706F6F



4A4A4A



C9C9C9

# Same Dimension

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



70706F



919190



383838



787800



F7F700

# Inverse Universe

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



6F6F70



909091



706F70



383838



000078



0000F7



# Previews

## White Background



This preview shows how the Hex color 70706F looks on a white background.

## Color Contrast Check

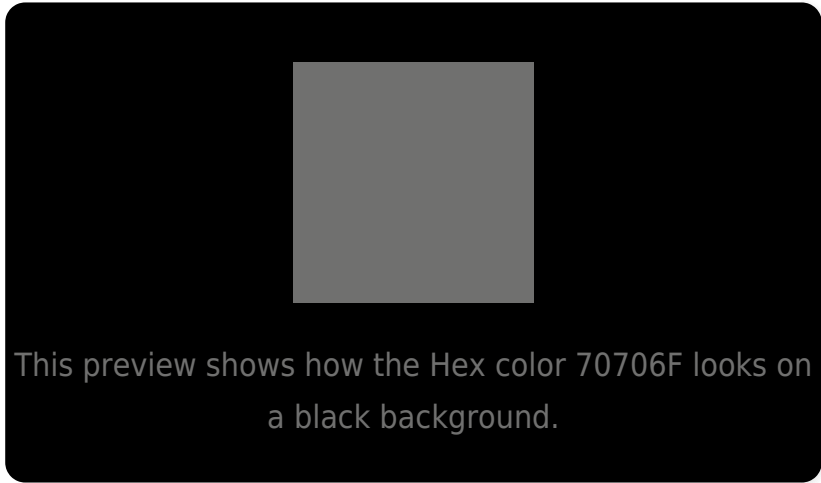
Large Text (above 18pt) WCAG AA ✓ Pass

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

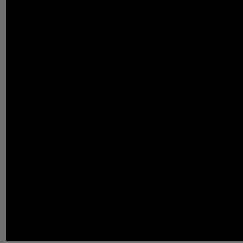
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

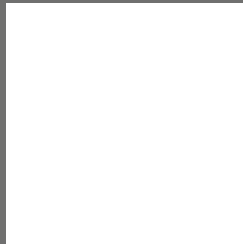
Any Text WCAG AAA × Fail

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

## Hex 70706F Background



This preview shows how black text looks on a background with the Hex color 70706F.



This preview shows how white text looks on a background with the Hex color 70706F.

# 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**  
70706F

**Protanopia**  
726F6F

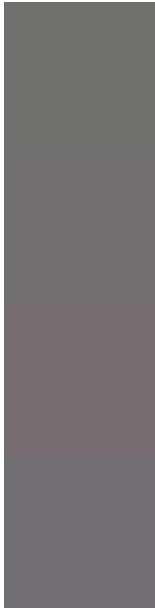
**Deuteranopia**  
7B6C70





**Tritanopia**  
716F77

# Trichromacy



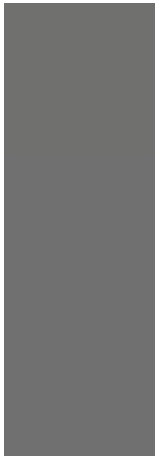
**Original Color**  
70706F

**Protanomaly**  
716F6F

**Deuteranomaly**  
776D70

**Tritanomaly**  
716F74

# Monochromacy



**Original Color**  
70706F

**Achromatopsia**  
707070

**Achromatomaly**  
707070

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70706F 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 #70706F looks like.

```
.text, #text, p{  
    color:#70706F  
}
```

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 #70706F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70706F
}
```

## Border

The CSS property to change the border of an element to Hex 70706F is called "border". The border property can be set on classes, ids or directly on the HTML element.

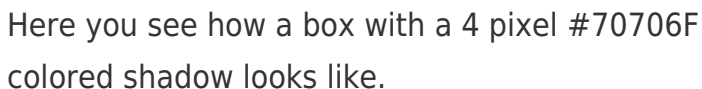
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70706F }
```

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

```
.border{ border-color:#70706F }
```

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



Here you see how a box with a 4 pixel #70706F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70706F; -webkit-box-shadow:4px 4px  
4px 4px #70706F; box-shadow:4px 4px 4px  
4px #70706F }
```

# Background

The CSS property to change the background color of an element to Hex 70706F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70706F }
```

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

```
.background{ background-color:#70706F }
```

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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