

# Converting Colors

Hex(6F6B70)

Have a look what the booklet for  
Hex(6F6B70) contains.

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# Color

**Hex(6F6B70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F6B70
RGB	111, 107, 112
RGB Percent	44%, 42%, 44%
CMY	0.5647, 0.5804, 0.5608
CMYK	0.01, 0.04, 0.00, 0.56
HSL	288°, 2%, 43%
HSV	288°, 4%, 44%
XYZ	14.7379, 15.0647, 17.4603
YIQ	108.7660, 0.7790, 2.4030

# Conversions

## Conversions Part 2

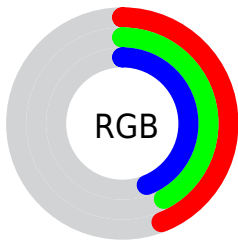
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 107, 112
Decimal	7302000
CIE <sub>Lab</sub>	45.72, 2.57, -2.24
CIE <sub>LCh</sub>	46, 3.410, 318.957
Y <sub>xy</sub>	15.0647, 0.3118, 0.3187
Android (android.graphics.Color)	4285492080 (0xFF6F6B70)
Y <sub>UV</sub>	108.7660, 1.5944, 1.9592
Hunter-Lab	38.8133, -0.1448, 0.4976

# Details

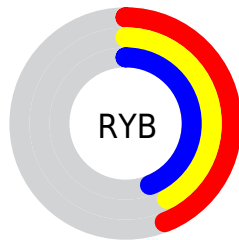
The Hex color **6F6B70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C706B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A39EA4**, and **3F3C40** is the 20% darker color. If you saturate the color by 10%, you get **6D6070**, and if you desaturate by 10%, it is **717670**.

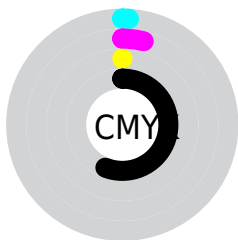
# Distribution



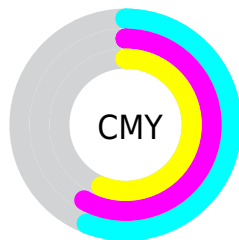
- Red (44%)
- Green (42%)
- Blue (44%)



- Red (44%)
- Yellow (42%)
- Blue (44%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6B70 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 6F6B70 by changing the saturation by 10% instead.



■ 6F6B70

■ 6F6B70

FFFFFF

■ 575358

■ A39EA4

■ 3F3C40

■ BEB9BF

■ 29262A

■ D9D5DB

■ 151116

■ F6F1F7

■ 000000

■ 6F6B70

■ 6F6B70

■ 6D6070

■ 717670

■ 6B5570

■ 738170

■ 684970

■ 768D70

663E70

789870

643370

7AA370

622870

7CAE70

5F1D70

7FB970

5D1170

81C570

5B0670

83D070

# Harmonies

## Analogous

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



6C6C72



6F6B70



726A6D

# Triad

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



6F6B70



706C67



656E6E

# Complementary

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



6F6B70



6C706B

# 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.



676E6B



6F6B70



6D6D67

# Square

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



6F6B70



726B68



696D68



666E70

# Rectangle

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



6F6B70



726A6B



696D68



666E6D



# Sweetspot

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



6F6B70



919091



6B6C70



4A494A



C9C9C9



4A4A4A



# Same Dimension

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



6F6B70



908A91



706B6F



373538



600078



C600F7



# Inverse Universe

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



706B6C



918A8C



6B706D



383535



780018



F70031



# Previews

## White Background



This preview shows how the Hex color 6F6B70 looks on a white background.

## Color Contrast Check

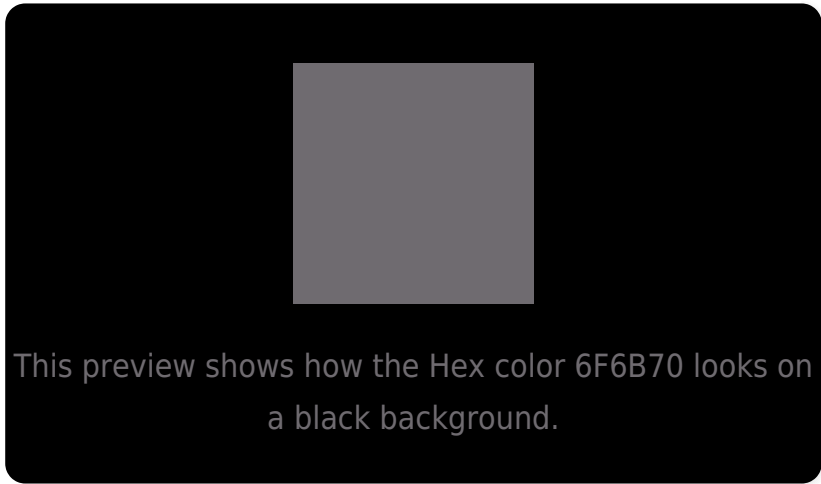
Large Text (above 18pt) WCAG AA ✓ Pass

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

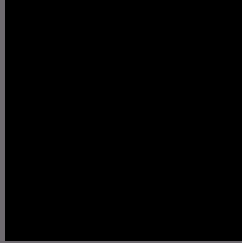
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6B70 Background



This preview shows how black text looks on a background with the Hex color 6F6B70.



This preview shows how white text looks on a background with the Hex color 6F6B70.

# 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**  
6F6B70

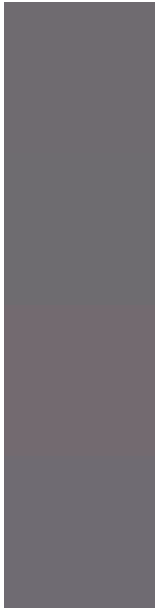
**Protanopia**  
6D6C70

**Deuteranopia**  
756970



**Tritanopia**  
6F6B73

# Trichromacy



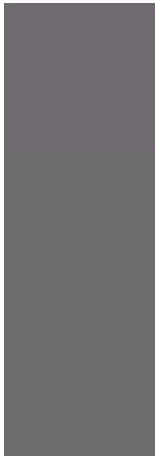
**Original Color**  
6F6B70

**Protanomaly**  
6E6C70

**Deuteranomaly**  
736A70

**Tritanomaly**  
6F6B72

# Monochromacy



**Original Color**  
6F6B70

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6E6C6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6B70 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 #6F6B70 looks like.

```
.text, #text, p{  
    color:#6F6B70  
}
```

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 #6F6B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6B70
}
```

## Border

The CSS property to change the border of an element to Hex 6F6B70 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
#6F6B70 }
```

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

```
.border{ border-color:#6F6B70 }
```

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

Here you see how a box with a 4 pixel #6F6B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6B70; -webkit-box-shadow:4px 4px  
4px 4px #6F6B70; box-shadow:4px 4px 4px  
4px #6F6B70 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6B70 }
```

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

```
.background{ background-color:#6F6B70 }
```

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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