

# Converting Colors

Hex(6F6B80)

Have a look what the booklet for  
Hex(6F6B80) contains.

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# Color

**Hex(6F6B80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F6B80
RGB	111, 107, 128
RGB Percent	44%, 42%, 50%
CMY	0.5647, 0.5804, 0.4980
CMYK	0.13, 0.16, 0.00, 0.50
HSL	251°, 9%, 46%
HSV	251°, 16%, 50%
XYZ	15.7095, 15.4534, 22.5769
YIQ	110.5900, -4.3570, 7.3790

# Conversions

## Conversions Part 2

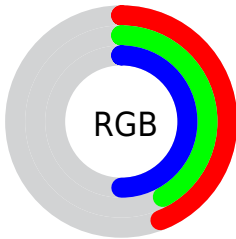
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 107, 128
Decimal	7302016
CIE Lab	46.25, 6.08, -11.05
CIE LCh	46, 12.613, 298.825
Yxy	15.4534, 0.2923, 0.2876
Android (android.graphics.Color)	4285492096 (0xFF6F6B80)
YUV	110.5900, 8.5831, 0.3596
Hunter-Lab	39.3108, 2.5388, -6.5337

# Details

The Hex color **6F6B80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C806B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A39EB5**, and **3F3C4F** is the 20% darker color. If you saturate the color by 10%, you get **655E80**, and if you desaturate by 10%, it is **797880**.

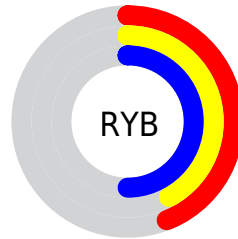
# Distribution



Red (44%)

Green (42%)

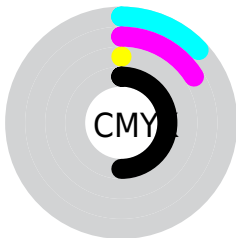
Blue (50%)



Red (44%)

Yellow (42%)

Blue (50%)

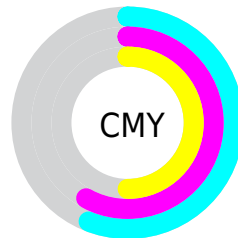


Cyan (13%)

Magenta (16%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (58%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6B80 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 6F6B80 by changing the saturation by 10% instead.



6F6B80

6F6B80

FFFFFF

575367

A39EB5

3F3C4F

BEB9D0

292638

DAD5ED

151222

F6F1FF

00000B

000000

6F6B80

6F6B80

655E80

797880

5A5180

848580

■ 504580

■ 8E9180

■ 463880

■ 989E80

■ 3B2B80

■ A3AB80

■ 311E80

■ ADB880

■ 261180

■ B8C580

■ 1C0580

■ C2D180

■ 180080

■ CCDE80

# Harmonies

## Analogous

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



616F82



6F6B80



7B6879

# Triad

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



6F6B80



7F695C



55746D

# Complementary

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



6F6B80



7C806B

# 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.



5F7262



6F6B80



766D59

# Square

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



6F6B80



846764



6B705B



517377

# Rectangle

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



6F6B80



806772



6B705B



587369



# Sweetspot

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



6F6B80



9F9DA6



6B7C80



504F54



D4D4D4



545454



# Same Dimension

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



6F6B80



8B85A6



796B80



3B3940



180080



000000



# Inverse Universe

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



806B7C



A6859F



72806B



40393F



800067



000000



# Previews

## White Background



This preview shows how the Hex color 6F6B80 looks on a white background.

## Color Contrast Check

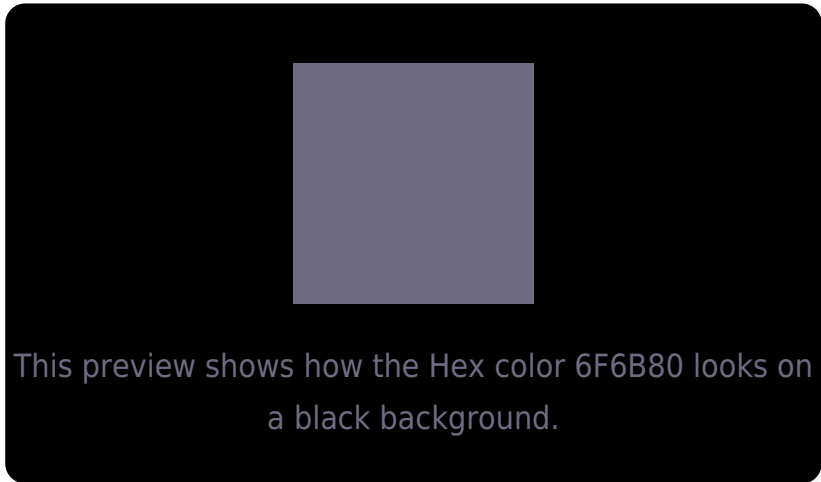
Large Text (above 18pt) WCAG AA ✓ Pass

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

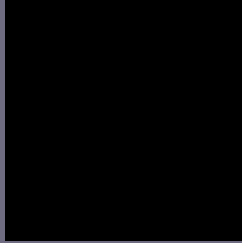
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6B80 Background



This preview shows how black text looks on a background with the Hex color 6F6B80.



This preview shows how white text looks on a background with the Hex color 6F6B80.

# 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**  
6F6B80

**Protanopia**  
696D81

**Deuteranopia**  
6F6B80



**Tritanopia**  
6D6D75

# Trichromacy



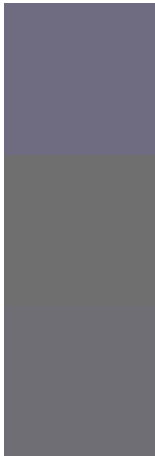
**Original Color**  
6F6B80

**Protanomaly**  
6B6C81

**Deuteranomaly**  
6F6B80

**Tritanomaly**  
6E6C79

# Monochromacy



**Original Color**  
6F6B80

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6F6E75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6B80 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 #6F6B80 looks like.

```
.text, #text, p{  
    color:#6F6B80  
}
```

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 #6F6B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6B80
}
```

## Border

The CSS property to change the border of an element to Hex 6F6B80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

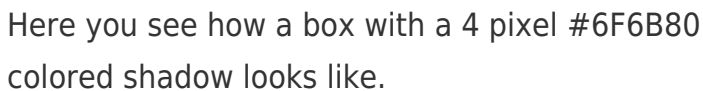
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F6B80 }
```

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

```
.border{ border-color:#6F6B80 }
```

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



Here you see how a box with a 4 pixel #6F6B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6B80; -webkit-box-shadow:4px 4px  
4px 4px #6F6B80; box-shadow:4px 4px 4px  
4px #6F6B80 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6B80 }
```

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

```
.background{ background-color:#6F6B80 }
```

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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