

# Converting Colors

Hex(6F6980)

Have a look what the booklet for  
Hex(6F6980) contains.

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# Color

**Hex(6F6980)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F6980
RGB	111, 105, 128
RGB Percent	44%, 41%, 50%
CMY	0.5647, 0.5882, 0.4980
CMYK	0.13, 0.18, 0.00, 0.50
HSL	256°, 10%, 46%
HSV	256°, 18%, 50%
XYZ	15.5034, 15.0412, 22.5082
YIQ	109.4160, -3.8070, 8.4250

# Conversions

## Conversions Part 2

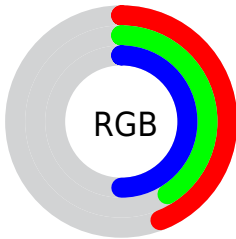
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 105, 128
Decimal	7301504
CIE Lab	45.69, 7.28, -11.89
CIE LCh	46, 13.946, 301.484
Yxy	15.0412, 0.2922, 0.2835
Android (android.graphics.Color)	4285491584 (0xFF6F6980)
YUV	109.4160, 9.1619, 1.3892
Hunter-Lab	38.7829, 3.4848, -7.2617

# Details

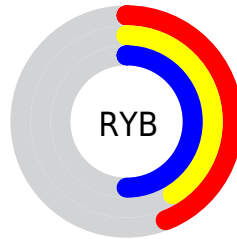
The Hex color **6F6980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A8069**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A39CB5**, and **3F3A4F** is the 20% darker color. If you saturate the color by 10%, you get **665C80**, and if you desaturate by 10%, it is **787680**.

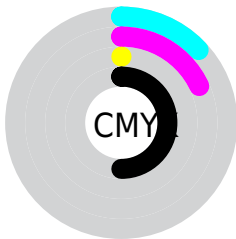
# Distribution



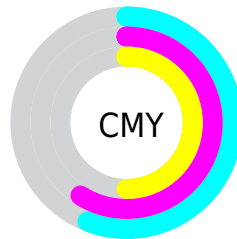
- Red (44%)
- Green (41%)
- Blue (50%)



- Red (44%)
- Yellow (41%)
- Blue (50%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (59%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6980 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 6F6980 by changing the saturation by 10% instead.



6F6980

6F6980

FFFFFF

575167

A39CB5

3F3A4F

BEB7D0

292438

DAD3ED

150F22

F6EFFF

00000B

000000

6F6980

6F6980

665C80

787680

5C4F80

828380

■ 534380

■ 8B8F80

■ 493680

■ 959C80

■ 402980

■ 9EA980

■ 361C80

■ A8B680

■ 2D0F80

■ B1C380

■ 230380

■ BBCF80

■ 210080

■ C4DC80

# Harmonies

## Analogous

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



606D83



6F6980



7C6677

# Triad

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



6F6980



7F6858



50736C

# Complementary

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



6F6980



7A8069

# 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.



5B7261



6F6980



756C55

# Square

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



6F6980



846561



686F58



4C7278

# Rectangle

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



6F6980



826470



686F58



537368



# Sweetspot

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



6F6980



A09DA6



697A80



504F54



D4D4D4



545454



# Same Dimension

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



6F6980



8B81A6



7A6980



3B3940



210080



000000



# Inverse Universe

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



80697A



A6819C



6F8069



40393E



80005E



000000



# Previews

## White Background



This preview shows how the Hex color 6F6980 looks on a white background.

## Color Contrast Check

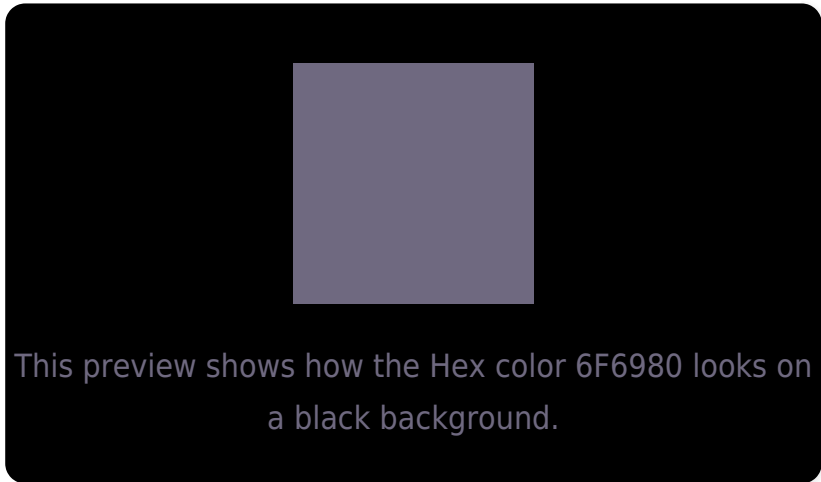
Large Text (above 18pt) WCAG AA ✓ Pass

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

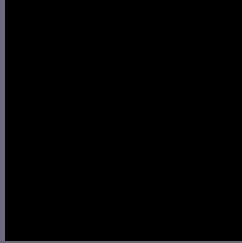
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6980 Background



This preview shows how black text looks on a background with the Hex color 6F6980.



This preview shows how white text looks on a background with the Hex color 6F6980.

# 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**  
6F6980

**Protanopia**  
676B81

**Deuteranopia**  
6D6A80



**Tritanopia**  
6D6B74

# Trichromacy



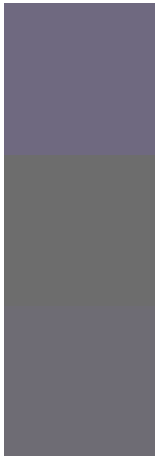
**Original Color**  
6F6980

**Protanomaly**  
6A6A81

**Deuteranomaly**  
6E6A80

**Tritanomaly**  
6E6A78

# Monochromacy



**Original Color**  
6F6980

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6E6C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6980 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 #6F6980 looks like.

```
.text, #text, p{  
    color:#6F6980  
}
```

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 #6F6980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6980
}
```

## Border

The CSS property to change the border of an element to Hex 6F6980 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
#6F6980 }
```

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

```
.border{ border-color:#6F6980 }
```

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

Here you see how a box with a 4 pixel #6F6980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6980; -webkit-box-shadow:4px 4px  
4px 4px #6F6980; box-shadow:4px 4px 4px  
4px #6F6980 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6980 }
```

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

```
.background{ background-color:#6F6980 }
```

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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