

# Converting Colors

Hex(6B6C80)

Have a look what the booklet for  
Hex(6B6C80) contains.

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# Color

**Hex(6B6C80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6C80
RGB	107, 108, 128
RGB Percent	42%, 42%, 50%
CMY	0.5804, 0.5765, 0.4980
CMYK	0.16, 0.16, 0.00, 0.50
HSL	237°, 9%, 46%
HSV	237°, 16%, 50%
XYZ	15.3222, 15.4094, 22.5888
YIQ	109.9810, -7.0160, 6.0080

# Conversions

## Conversions Part 2

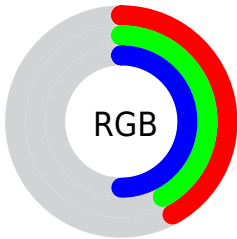
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 108, 128
Decimal	7040128
CIE <sub>Lab</sub>	46.19, 4.06, -11.17
CIE <sub>LCh</sub>	46, 11.889, 289.981
Yxy	15.4094, 0.2874, 0.2890
Android (android.graphics.Color)	4285230208 (0xFF6B6C80)
<b>YUV</b>	109.9810, 8.8834, -2.6143
Hunter-Lab	39.2549, 0.9775, -6.6395

# Details

The Hex color **6B6C80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807F6B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9F9FB5**, and **3B3D4F** is the 20% darker color. If you saturate the color by 10%, you get **5E6080**, and if you desaturate by 10%, it is **787880**.

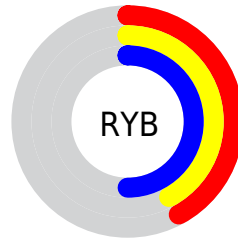
# Distribution



Red (42%)

Green (42%)

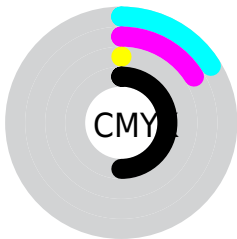
Blue (50%)



Red (42%)

Yellow (42%)

Blue (50%)

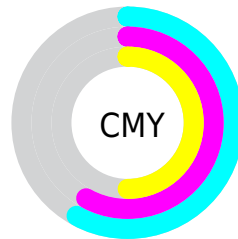


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (58%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6C80 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 6B6C80 by changing the saturation by 10% instead.



6B6C80

6B6C80

FFFFFF

535467

9F9FB5

3B3D4F

BABAD0

252738

D5D6ED

111222

F2F2FF

00000B

000000

6B6C80

6B6C80

5E6080

787880

515480

858480

454780

919180

383B80

9E9D80

2B2F80

ABA980

1E2380

B8B580

111780

C5C180

050A80

D1CE80

000680

DEDA80

# Harmonies

## Analogous

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



5E6F81



6B6C80



77697A

# Triad

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



6B6C80



80695F



59736A

# Complementary

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



6B6C80



807F6B

# 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.



637160



6B6C80



796C5A

# Square

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



6B6C80



836767



6E6F5B



537374

# Rectangle

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



6B6C80



7D6774



6E6F5B



5C7366



# Sweetspot

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



6B6C80



9D9EA6



6B807F



4F4F54



D4D4D4



545454



# Same Dimension

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



6B6C80



8586A6



746B80



393A40



000680



000000



# Inverse Universe

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



806B6C



A68586



77806B



40393A



800006



000000



# Previews

## White Background



This preview shows how the Hex color 6B6C80 looks on a white background.

## Color Contrast Check

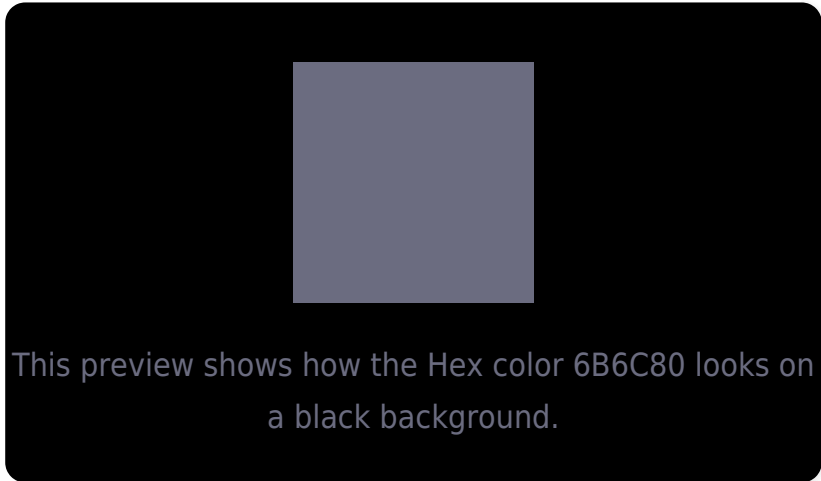
Large Text (above 18pt) WCAG AA ✓ Pass

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

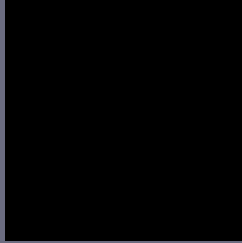
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

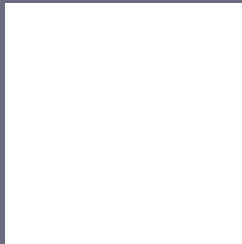
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6C80 Background



This preview shows how black text looks on a background with the Hex color 6B6C80.



This preview shows how white text looks on a background with the Hex color 6B6C80.

# 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**

6B6C80

**Protanopia**

696C80

**Deuteranopia**

6F6B80



**Tritanopia**  
696E76

# Trichromacy



**Original Color**  
6B6C80

**Protanomaly**  
6A6C80

**Deuteranomaly**  
6E6B80

**Tritanomaly**  
6A6D7A

# Monochromacy



**Original Color**  
6B6C80

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6D6D75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6C80 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 #6B6C80 looks like.

```
.text, #text, p{  
    color:#6B6C80  
}
```

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 #6B6C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6C80
}
```

## Border

The CSS property to change the border of an element to Hex 6B6C80 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
#6B6C80 }
```

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

```
.border{ border-color:#6B6C80 }
```

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

Here you see how a box with a 4 pixel #6B6C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6C80; -webkit-box-shadow:4px 4px  
4px 4px #6B6C80; box-shadow:4px 4px 4px  
4px #6B6C80 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6C80 }
```

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

```
.background{ background-color:#6B6C80 }
```

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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