

# Converting Colors

Hex(6B6A80)

Have a look what the booklet for  
Hex(6B6A80) contains.

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# Color

**Hex(6B6A80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6A80
RGB	107, 106, 128
RGB Percent	42%, 42%, 50%
CMY	0.5804, 0.5843, 0.4980
CMYK	0.16, 0.17, 0.00, 0.50
HSL	243°, 9%, 46%
HSV	243°, 17%, 50%
XYZ	15.1137, 14.9924, 22.5193
YIQ	108.8070, -6.4660, 7.0540

# Conversions

## Conversions Part 2

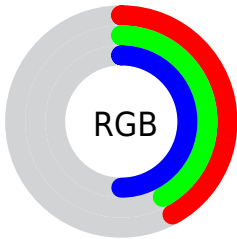
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 106, 128
Decimal	7039616
CIE <sub>Lab</sub>	45.62, 5.26, -12.03
CIE <sub>LCh</sub>	46, 13.129, 293.632
Yxy	14.9924, 0.2872, 0.2849
Android (android.graphics.Color)	4285229696 (0xFF6B6A80)
<b>YUV</b>	108.8070, 9.4621, -1.5847
Hunter-Lab	38.7200, 1.9146, -7.3787

# Details

The Hex color **6B6A80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F806A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9F9DB5**, and **3B3B4F** is the 20% darker color. If you saturate the color by 10%, you get **5F5D80**, and if you desaturate by 10%, it is **777780**.

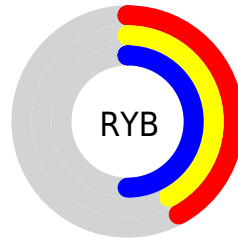
# Distribution



Red (42%)

Green (42%)

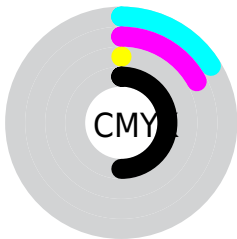
Blue (50%)



Red (42%)

Yellow (42%)

Blue (50%)

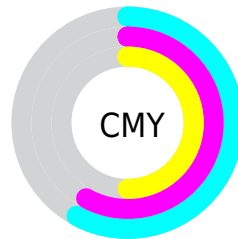


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (58%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6A80 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 6B6A80 by changing the saturation by 10% instead.





6B6A80



6B6A80

FFFFFF



535267



9F9DB5



3B3B4F



BAB8D0



252538



D5D4ED



111022



F2F0FF



00000B



000000



6B6A80



6B6A80



5F5D80



777780



535080



838480

■ 464480

■ 909080

■ 3A3780

■ 9C9D80

■ 2E2A80

■ A8AA80

■ 221D80

■ B4B780

■ 151080

■ C1C480

■ 090480

■ CDD080

■ 060080

■ D9DD80

# Harmonies

## Analogous

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



5D6E82



6B6A80



786779

# Triad

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



6B6A80



7F675B



547269

# Complementary

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



6B6A80



7F806A

# 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.



5F715F



6B6A80



776A56

# Square

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



6B6A80



836564



6B6E58



4F7274

# Rectangle

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



6B6A80



7E6572



6B6E58



577265



# Sweetspot

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



6B6A80



9E9DA6



6A7F80



4F4F54



D4D4D4



545454



# Same Dimension

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



6B6A80



8583A6



766A80



3A3940



060080



000000



# Inverse Universe

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



806A7F



A683A4



74806A



40393F



80007A



000000



# Previews

## White Background



This preview shows how the Hex color 6B6A80 looks on a white background.

## Color Contrast Check

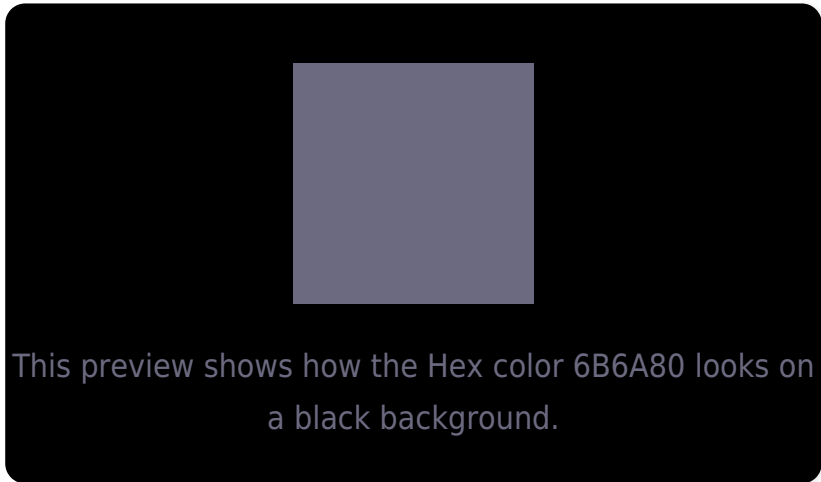
Large Text (above 18pt) WCAG AA ✓ Pass

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

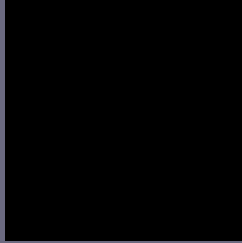
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

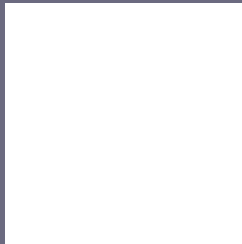
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6A80 Background



This preview shows how black text looks on a background with the Hex color 6B6A80.



This preview shows how white text looks on a background with the Hex color 6B6A80.

# 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**

6B6A80

**Protanopia**

676B81

**Deuteranopia**

6D6980



**Tritanopia**  
696C75

# Trichromacy



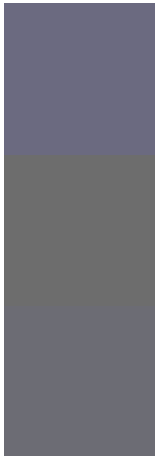
**Original Color**  
6B6A80

**Protanomaly**  
686B81

**Deuteranomaly**  
6C6980

**Tritanomaly**  
6A6B79

# Monochromacy



**Original Color**  
6B6A80

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6C6C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6A80 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 #6B6A80 looks like.

```
.text, #text, p{  
    color:#6B6A80  
}
```

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 #6B6A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6A80
}
```

## Border

The CSS property to change the border of an element to Hex 6B6A80 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
#6B6A80 }
```

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

```
.border{ border-color:#6B6A80 }
```

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

Here you see how a box with a 4 pixel #6B6A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6A80; -webkit-box-shadow:4px 4px  
4px 4px #6B6A80; box-shadow:4px 4px 4px  
4px #6B6A80 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6A80 }
```

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

```
.background{ background-color:#6B6A80 }
```

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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