

# Converting Colors

Hex(6B8CA0)

Have a look what the booklet for  
Hex(6B8CA0) contains.

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# Color

**Hex(6B8CA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B8CA0
RGB	107, 140, 160
RGB Percent	42%, 55%, 63%
CMY	0.5804, 0.4510, 0.3725
CMYK	0.33, 0.12, 0.00, 0.37
HSL	203°, 22%, 52%
HSV	203°, 33%, 63%
XYZ	21.7867, 24.4200, 36.8230
YIQ	132.4130, -26.0880, -0.7760

# Conversions

## Conversions Part 2

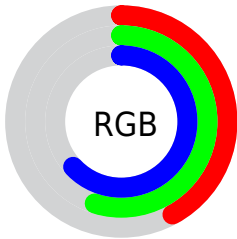
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 127, 160
Decimal	7048352
CIELab	56.51, -6.53, -14.33
CIELCh	57, 15.748, 245.518
Yxy	24.4200, 0.2624, 0.2941
Android (android.graphics.Color)	4285238432 (0xFF6B8CA0)
YUV	132.4130, 13.6004, -22.2872
Hunter-Lab	49.4166, -7.7826, -9.5885

# Details

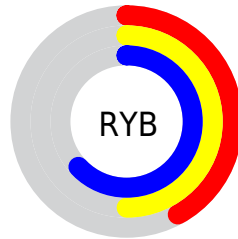
The Hex color **6B8CA0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A07F6B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A0C2D7**, and **395A6D** is the 20% darker color. If you saturate the color by 10%, you get **5B86A0**, and if you desaturate by 10%, it is **7B92A0**.

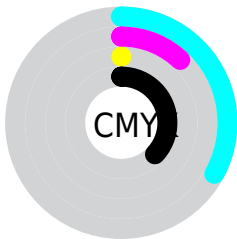
# Distribution



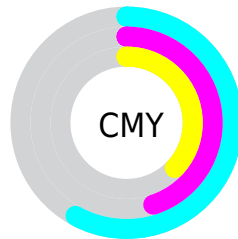
- Red (42%)
- Green (55%)
- Blue (63%)



- Red (42%)
- Yellow (50%)
- Blue (63%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (58%)
- Magenta (45%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8CA0 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 6B8CA0 by changing the saturation by 10% instead.



■ 6B8CA0

■ 6B8CA0

FFFFFF

■ 527386

■ A0C2D7

■ 395A6D

■ BBDDF3

■ 204354

■ D7FAFF

■ 042C3D

■ F4FFFF

■ 001827

■ 000112

■ 000000

■ 6B8CA0

■ 6B8CA0

■ 5B86A0

■ 7B92A0

■ 4B80A0

■ 8B98A0

■ 3B7AA0

■ 9B9EA0

■ 2B74A0

■ ABA4A0

■ 1B6EA0

■ BBAAA0

■ 0B68A0

■ CBB0A0

■ 0064A0

■ DBB6A0

■ EBBCA0

■ FBC2A0

# Harmonies

## Analogous

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



638F97



6B8CA0



7B88A3

# Triad

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



6B8CA0



A37E85



808C71

# Complementary

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



6B8CA0



A07F6B

# 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.



90876C



6B8CA0



A37F78

# Square

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



6B8CA0



9C7F93



9C836F



718E7C

# Rectangle

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



6B8CA0



8785A0



9C836F



868A6F



# Sweetspot

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



6B8CA0



BCC9D1



6BA07E



5C6469



E8E8E8



696969



# Same Dimension

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



6B8CA0



7DB2D1



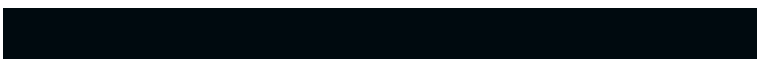
6B72A0



474C4F



00598F



000A0F



# Inverse Universe

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



A06B8C



D17DB2



A0996B



4F474C



8F0059



0F000A



# Previews

## White Background



This preview shows how the Hex color 6B8CA0 looks on a white background.

## Color Contrast Check

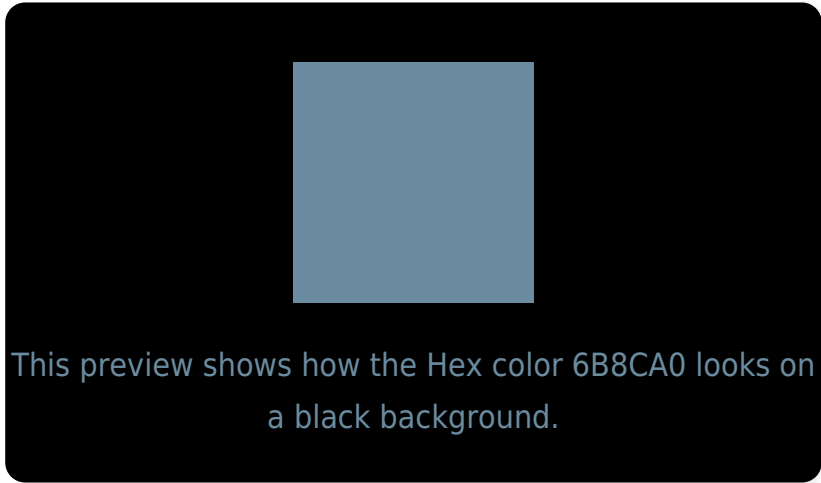
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

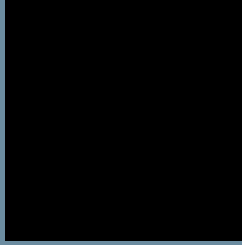
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

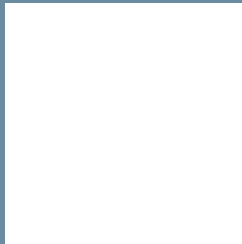
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B8CA0 Background



This preview shows how black text looks on a background with the Hex color 6B8CA0.

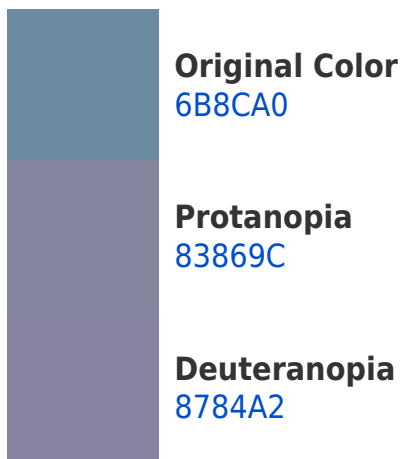


This preview shows how white text looks on a background with the Hex color 6B8CA0.

# 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](#).

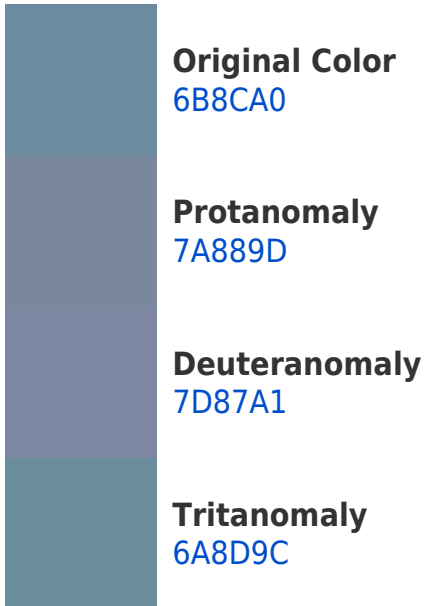
## Dichromacy





**Tritanopia**  
698D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8CA0 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 #6B8CA0 looks like.

```
.text, #text, p{  
    color:#6B8CA0  
}
```

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 #6B8CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8CA0
}
```

## Border

The CSS property to change the border of an element to Hex 6B8CA0 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
#6B8CA0 }
```

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

```
.border{ border-color:#6B8CA0 }
```

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

Here you see how a box with a 4 pixel #6B8CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8CA0; -webkit-box-shadow:4px 4px  
4px 4px #6B8CA0; box-shadow:4px 4px 4px  
4px #6B8CA0 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8CA0 }
```

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

```
.background{ background-color:#6B8CA0 }
```

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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