

# Converting Colors

Hex(6B81C8)

Have a look what the booklet for  
Hex(6B81C8) contains.

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# Color

**Hex(6B81C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B81C8
RGB	107, 129, 200
RGB Percent	42%, 51%, 78%
CMY	0.5804, 0.4941, 0.2157
CMYK	0.46, 0.36, 0.00, 0.22
HSL	226°, 46%, 60%
HSV	226°, 46%, 78%
XYZ	24.3390, 22.9964, 57.7995
YIQ	130.5160, -35.9030, 17.4170

# Conversions

## Conversions Part 2

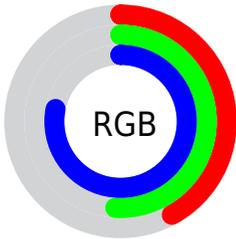
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 125, 200</a>
Decimal	<a href="#">7045576</a>
CIELab	<a href="#">55.07, 11.18, -39.41</a>
CIELCh	<a href="#">55, 40.962, 285.839</a>
Yxy	<a href="#">22.9964, 0.2315, 0.2187</a>
Android (android.graphics.Color)	<a href="#">4285235656 (0xFF6B81C8)</a>
YUV	<a href="#">130.5160, 34.2556, -20.6235</a>
Hunter-Lab	<a href="#">47.9546, 6.6757, -37.8938</a>

# Details

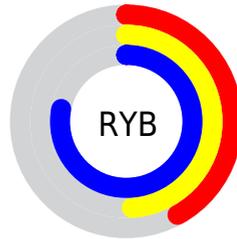
The Hex color **6B81C8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C8B26B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A2B6FF**, and **335092** is the 20% darker color. If you saturate the color by 10%, you get **5772C8**, and if you desaturate by 10%, it is **7F90C8**.

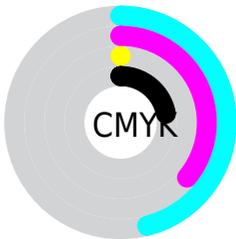
# Distribution



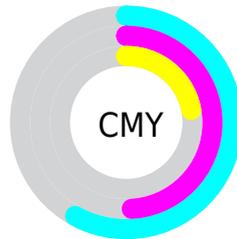
- Red (42%)
- Green (51%)
- Blue (78%)



- Red (42%)
- Yellow (49%)
- Blue (78%)



- Cyan (46%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (49%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B81C8 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 6B81C8 by changing the saturation by 10% instead.



■ 6B81C8

■ 6B81C8

FFFFFF

■ 5068AC

■ A2B6FF

■ 335092

■ BFD1FF

■ 103A78

■ DCEDFF

■ 00255E

■ F9FFFF

■ 001046

■ 00042F

■ 00011A

■ 000000

■ 6B81C8

■ 6B81C8

■ 5772C8

■ 7F90C8

■ 4362C8

■ 93A0C8

■ 2F53C8

■ A7AFC8

■ 1B44C8

■ BBBEC8

■ 0735C8

■ CFCDC8

■ 002FC8

■ E3DDC8

■ F7ECC8

■ FFFBC8

■ FFFFC8

# Harmonies

## Analogous

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



008CC8



6B81C8



9F73B6

# Triad

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



6B81C8



BE6F52



239571

# Complementary

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



6B81C8



C8B26B

# 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.



5F9051



6B81C8



A77C3E

# Square

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



6B81C8



C76772



87883D



009696

# Rectangle

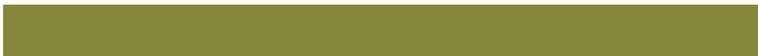
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6B81C8



B56BA2



87883D



3C9466



# Sweetspot

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



6B81C8



DBE4FF



6BC8B1



6A6F80



000000



808080



# Same Dimension

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



6B81C8



7092FF



826BC8



5A5C63



0027A3



000824



# Inverse Universe

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



C86B81



FF7092



B1C86B



635A5C



A30027

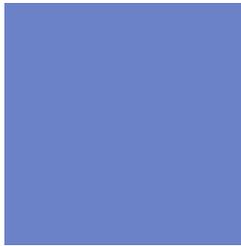


240008



# Previews

## White Background



This preview shows how the Hex color 6B81C8 looks on a white background.

## Color Contrast Check

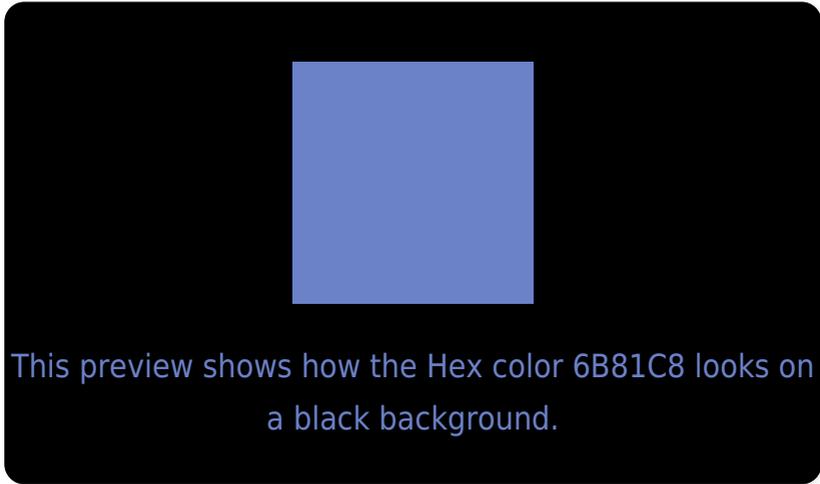
Large Text (above 18pt) WCAG AA ✓ Pass

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

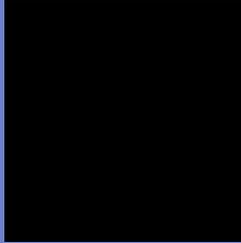
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B81C8 Background



This preview shows how black text looks on a background with the Hex color 6B81C8.



This preview shows how white text looks on a background with the Hex color 6B81C8.

# 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**  
6B81C8

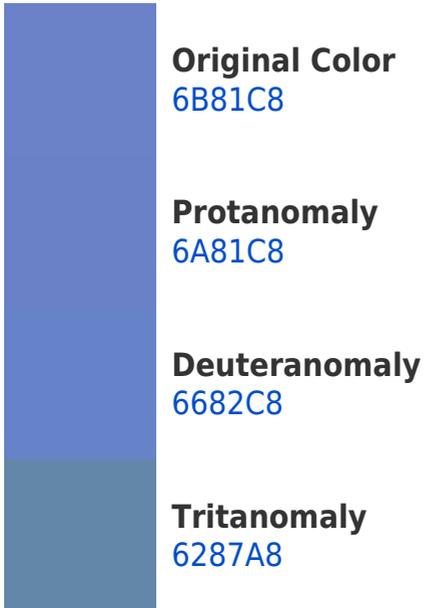
**Protanopia**  
6A81C8

**Deuteranopia**  
6383C8

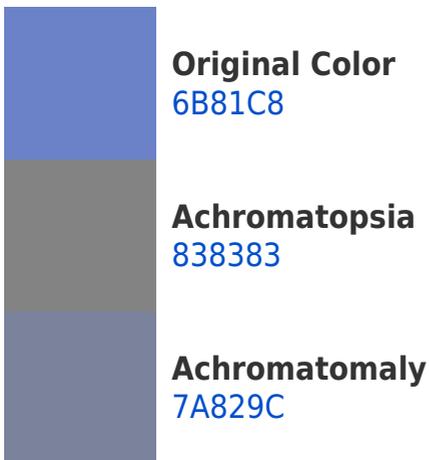


**Tritanopia**  
5D8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B81C8 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 #6B81C8 looks like.

```
.text, #text, p{  
    color:#6B81C8  
}
```

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 #6B81C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B81C8
}
```

## Border

The CSS property to change the border of an element to Hex 6B81C8 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
#6B81C8 }
```

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

```
.border{ border-color:#6B81C8 }
```

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

Here you see how a box with a 4 pixel #6B81C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B81C8; -webkit-box-shadow:4px 4px  
4px 4px #6B81C8; box-shadow:4px 4px 4px  
4px #6B81C8 }
```

# Background

The CSS property to change the background color of an element to Hex 6B81C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B81C8 }
```

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

```
.background{ background-color:#6B81C8 }
```

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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