

# Converting Colors

Hex(6A81C3)

Have a look what the booklet for  
Hex(6A81C3) contains.

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# Color

**Hex(6A81C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A81C3
RGB	106, 129, 195
RGB Percent	42%, 51%, 76%
CMY	0.5843, 0.4941, 0.2353
CMYK	0.46, 0.34, 0.00, 0.24
HSL	224°, 43%, 59%
HSV	224°, 46%, 76%
XYZ	23.6444, 22.7048, 54.7660
YIQ	129.6470, -34.8940, 15.6500

# Conversions

## Conversions Part 2

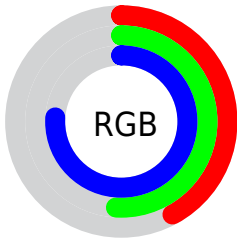
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 124, 195
Decimal	6980035
CIE <sub>Lab</sub>	54.77, 9.43, -37.04
CIE <sub>LCh</sub>	55, 38.225, 284.284
Yxy	22.7048, 0.2338, 0.2245
Android (android.graphics.Color)	4285170115 (0xFF6A81C3)
YUV	129.6470, 32.2190, -20.7384
Hunter-Lab	47.6496, 5.1877, -34.7903

# Details

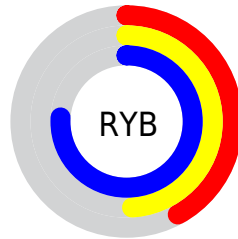
The Hex color **6A81C3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C3AC6A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A1B6FC**, and **33508D** is the 20% darker color. If you saturate the color by 10%, you get **5773C3**, and if you desaturate by 10%, it is **7E8FC3**.

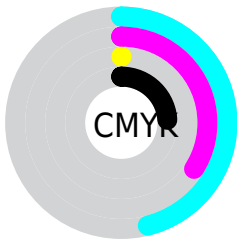
# Distribution



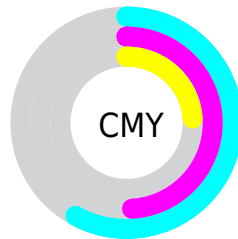
- Red (42%)
- Green (51%)
- Blue (76%)



- Red (42%)
- Yellow (49%)
- Blue (76%)



- Cyan (46%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (49%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A81C3 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 6A81C3 by changing the saturation by 10% instead.



■ 6A81C3

■ 6A81C3

FFFFFF

■ 4F68A8

■ A1B6FC

■ 33508D

■ BDD1FF

■ 113A73

■ DAEDFF

■ 00245A

■ F7FFFF

■ 001042

■ 00032C

■ 000116

■ 000000

■ 6A81C3

■ 6A81C3

■ 5773C3

■ 7E8FC3

■ 4364C3

■ 919EC3

■ 3056C3

■ A5ACC3

■ 1C47C3

■ B8BBC3

■ 0939C3

■ CCC9C3

■ 0032C3

■ DFD8C3

■ F3E6C3

■ FFF5C3

■ FFFFC3

# Harmonies

## Analogous

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



198BC2



6A81C3



9A74B3

# Triad

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



6A81C3



BB6F56



329370

# Complementary

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



6A81C3



C3AC6A

# 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.



638E52



6A81C3



A67B43

# Square

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



6A81C3



C26874



888641



009492

# Rectangle

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



6A81C3



B06DA0



888641



459265



# Sweetspot

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



6A81C3



D9E2FC



6AC3AB



6A6F80



000000



808080



# Same Dimension

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



6A81C3



7295FC



7F6AC3



575A61



002AA1



000921



# Inverse Universe

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



C36A81



FC7295



AEC36A



61575A



A1002A

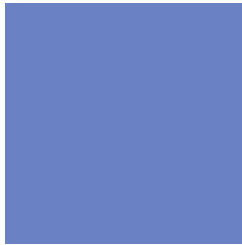


210009



# Previews

## White Background



This preview shows how the Hex color 6A81C3 looks on a white background.

## Color Contrast Check

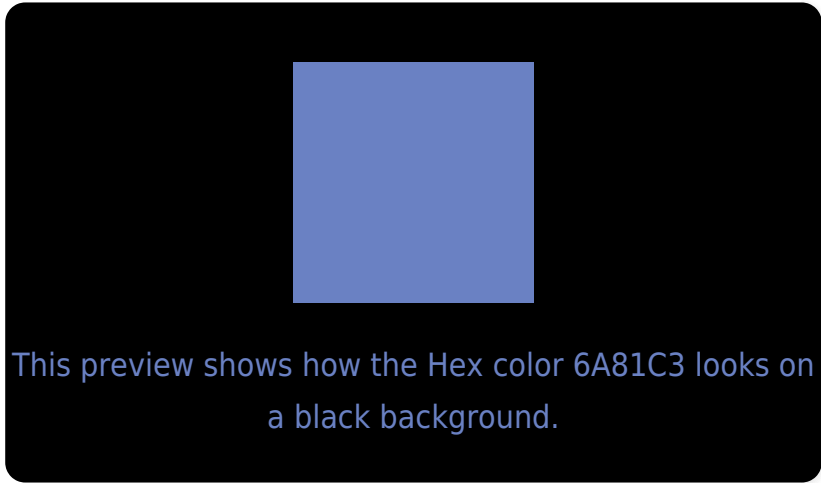
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A81C3 Background



This preview shows how black text looks on a background with the Hex color 6A81C3.

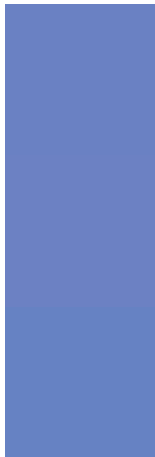


This preview shows how white text looks on a background with the Hex color 6A81C3.

# 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**  
6A81C3

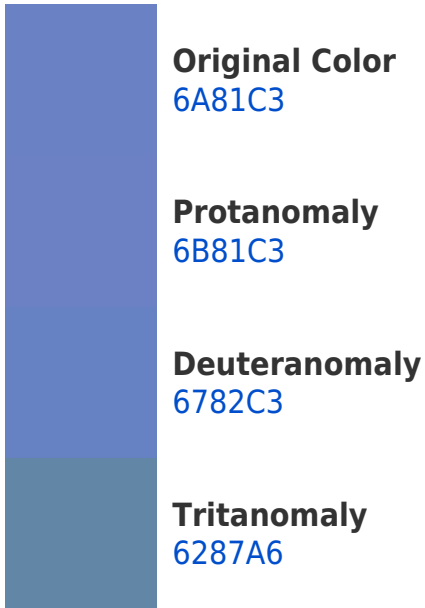
**Protanopia**  
6C81C3

**Deuteranopia**  
6682C3

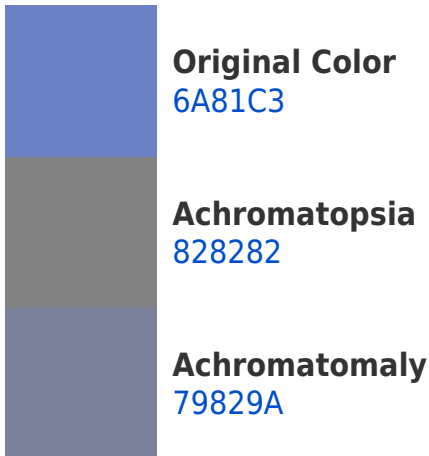


**Tritanopia**  
5D8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A81C3 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 #6A81C3 looks like.

```
.text, #text, p{  
    color:#6A81C3  
}
```

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 #6A81C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A81C3
}
```

## Border

The CSS property to change the border of an element to Hex 6A81C3 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
#6A81C3 }
```

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

```
.border{ border-color:#6A81C3 }
```

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

Here you see how a box with a 4 pixel #6A81C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A81C3; -webkit-box-shadow:4px 4px  
4px 4px #6A81C3; box-shadow:4px 4px 4px  
4px #6A81C3 }
```

# Background

The CSS property to change the background color of an element to Hex 6A81C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A81C3 }
```

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

```
.background{ background-color:#6A81C3 }
```

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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