

# Converting Colors

Hex(6B7BB4)

Have a look what the booklet for  
Hex(6B7BB4) contains.

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# Color

**Hex(6B7BB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B7BB4
RGB	107, 123, 180
RGB Percent	42%, 48%, 71%
CMY	0.5804, 0.5176, 0.2941
CMYK	0.41, 0.32, 0.00, 0.29
HSL	227°, 33%, 56%
HSV	227°, 41%, 71%
XYZ	21.3846, 20.5870, 46.0266
YIQ	124.7140, -27.8330, 14.3350

# Conversions

## Conversions Part 2

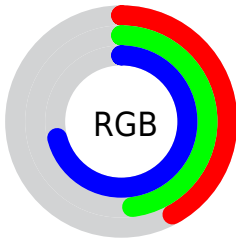
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 120, 180
Decimal	7044020
CIE <sub>Lab</sub>	52.49, 8.87, -32.01
CIE <sub>LCh</sub>	52, 33.212, 285.491
Yxy	20.5870, 0.2430, 0.2339
Android (android.graphics.Color)	4285234100 (0xFF6B7BB4)
YUV	124.7140, 27.2560, -15.5352
Hunter-Lab	45.3729, 4.7258, -28.3832

# Details

The Hex color **6B7BB4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B4A46B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A1AFEC**, and **374B7F** is the 20% darker color. If you saturate the color by 10%, you get **596DB4**, and if you desaturate by 10%, it is **7D89B4**.

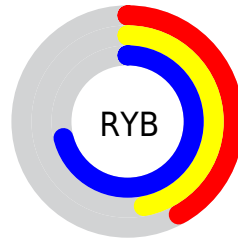
# Distribution



Red (42%)

Green (48%)

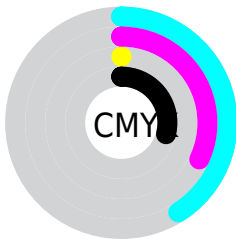
Blue (71%)



Red (42%)

Yellow (47%)

Blue (71%)

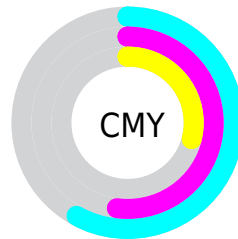


Cyan (41%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (52%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7BB4 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 6B7BB4 by changing the saturation by 10% instead.





6B7BB4



6B7BB4

FFFFFF



516299



A1AFEC



374B7F



BDCBFF



1B3466



D9E7FF



001F4D



F6FFFF



000736



000220



000004



000000



6B7BB4



6B7BB4

■ 596DB4

■ 7D89B4

■ 475FB4

■ 8F97B4

■ 3551B4

■ A1A5B4

■ 2343B4

■ B3B3B4

■ 1135B4

■ C5C1B4

■ 0027B4

■ D7CFB4

■ E9DDB4

■ FBEBB4

■ FFF9B4

# Harmonies

## Analogous

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



3584B4



6B7BB4



9370A5

# Triad

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



6B7BB4



AE6D56



3A8B6E

# Complementary

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



6B7BB4



B4A46B

# 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.



618754



6B7BB4



9B7746

# Square

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



6B7BB4



B4676F



818045



008C8B

# Rectangle

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



6B7BB4



A56A95



818045



488A65



# Sweetspot

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



6B7BB4



CED5EB



6BB4A3



656875



F5F5F5



757575



# Same Dimension

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



6B7BB4



7891EB



7E6BB4



505259



002299



00061A



# Inverse Universe

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



B46B7B



EB7891



A1B46B



595052



990022

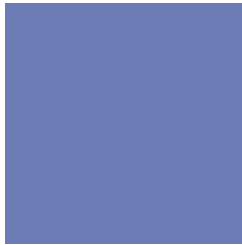


1A0006



# Previews

## White Background



This preview shows how the Hex color 6B7BB4 looks on a white background.

## Color Contrast Check

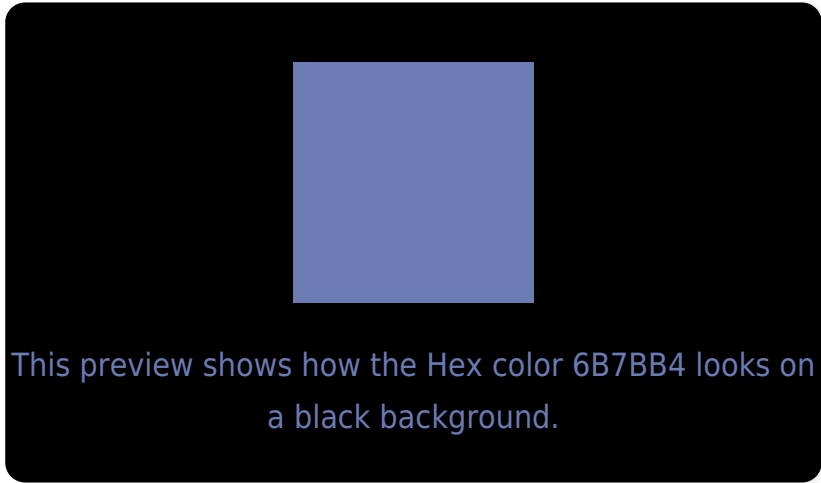
Large Text (above 18pt) WCAG AA ✓ Pass

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

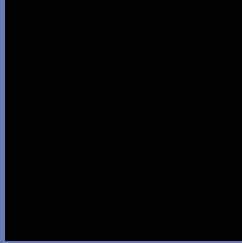
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B7BB4 Background



This preview shows how black text looks on a background with the Hex color 6B7BB4.



This preview shows how white text looks on a background with the Hex color 6B7BB4.

# 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**  
6B7BB4

**Protanopia**  
6B7BB4

**Deuteranopia**  
687CB4

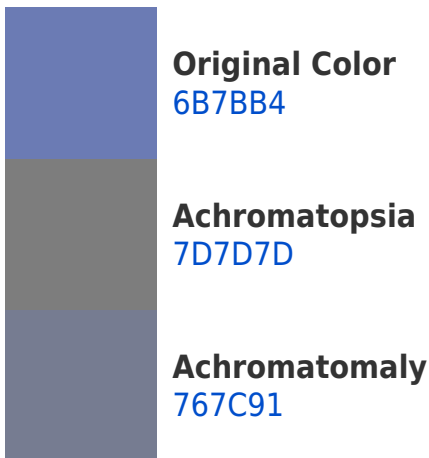


**Tritanopia**  
61838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7BB4 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 #6B7BB4 looks like.

```
.text, #text, p{  
    color:#6B7BB4  
}
```

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 #6B7BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7BB4
}
```

## Border

The CSS property to change the border of an element to Hex 6B7BB4 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
#6B7BB4 }
```

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

```
.border{ border-color:#6B7BB4 }
```

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

Here you see how a box with a 4 pixel #6B7BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7BB4; -webkit-box-shadow:4px 4px  
4px 4px #6B7BB4; box-shadow:4px 4px 4px  
4px #6B7BB4 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7BB4 }
```

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

```
.background{ background-color:#6B7BB4 }
```

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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