

# Converting Colors

Hex(6B74BE)

Have a look what the booklet for  
Hex(6B74BE) contains.

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# Color

**Hex(6B74BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B74BE
RGB	107, 116, 190
RGB Percent	42%, 45%, 75%
CMY	0.5804, 0.5451, 0.2549
CMYK	0.44, 0.39, 0.00, 0.25
HSL	233°, 39%, 58%
HSV	233°, 44%, 75%
XYZ	21.6031, 19.3343, 51.3085
YIQ	121.7450, -29.1180, 21.1060

# Conversions

## Conversions Part 2

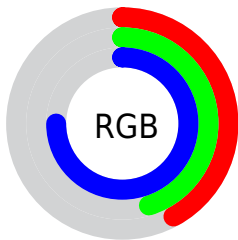
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 115, 190
Decimal	7042238
CIE <sub>Lab</sub>	51.08, 16.02, -39.99
CIE <sub>LCh</sub>	51, 43.075, 291.829
Yxy	19.3343, 0.2342, 0.2096
Android (android.graphics.Color)	4285232318 (0xFF6B74BE)
YUV	121.7450, 33.6497, -12.9314
Hunter-Lab	43.9708, 10.7491, -38.4046

# Details

The Hex color **6B74BE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BEB56B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A2A8F7**, and **354488** is the 20% darker color. If you saturate the color by 10%, you get **5863BE**, and if you desaturate by 10%, it is **7E85BE**.

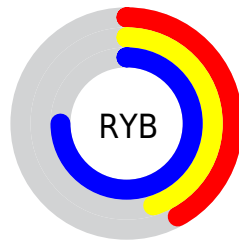
# Distribution



Red (42%)

Green (45%)

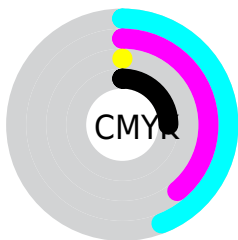
Blue (75%)



Red (42%)

Yellow (45%)

Blue (75%)

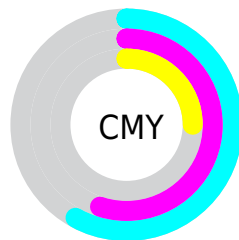


Cyan (44%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (58%)

Magenta (55%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B74BE 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 6B74BE by changing the saturation by 10% instead.



■ 6B74BE

■ 6B74BE

FFFFFF

■ 505CA3

■ A2A8F7

■ 354488

■ BEC3FF

■ 152E6E

■ DBDFFF

■ 001A56

■ F8FBFF

■ 00003E

■ 000327

■ 000111

■ 000000

■ 6B74BE

■ 6B74BE

■ 5863BE

■ 7E85BE

■ 4552BE

■ 9196BE

■ 3241BE

■ A4A7BE

■ 1F30BE

■ B7B8BE

■ 0C1FBE

■ CAC9BE

■ 0015BE

■ DDDABE

■ F0EBBE

■ FFFCBE

■ FFFFBE

# Harmonies

## Analogous

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



0081C2



6B74BE



9D65A8

# Triad

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



6B74BE



B16641



008B6E

# Complementary

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



6B74BE



BEB56B

# 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.



48874A



6B74BE



97742E

# Square

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



6B74BE



BE5B60



748032



008C94

# Rectangle

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



6B74BE



B25D91



748032



148A61



# Sweetspot

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



6B74BE



D7DBF7



6BBEB4



696B7D



FCFCFC



7D7D7D



# Same Dimension

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



6B74BE



7785F7



8B6BBE



55565E



00119E



00031F



# Inverse Universe

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



BE6B74



F77785



9EBE6B



5E5556



9E0011

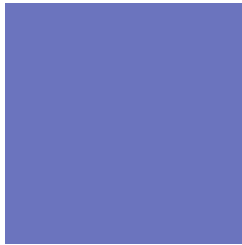


1F0003



# Previews

## White Background



This preview shows how the Hex color 6B74BE looks on a white background.

## Color Contrast Check

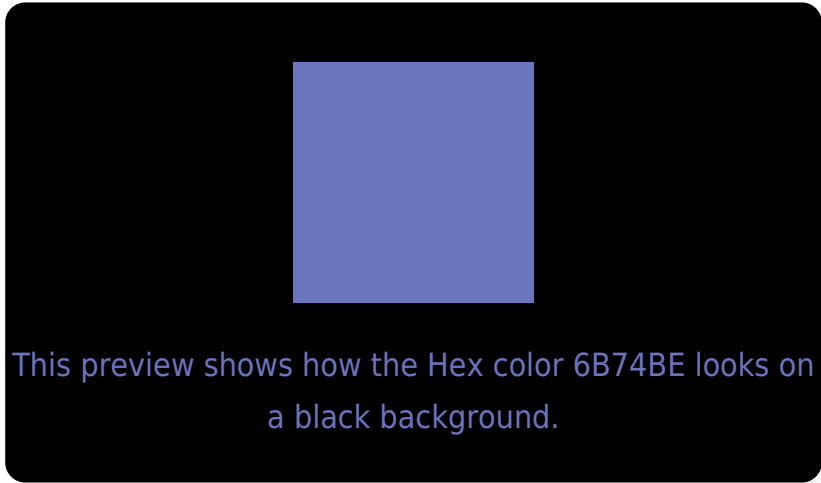
Large Text (above 18pt) WCAG AA ✓ Pass

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

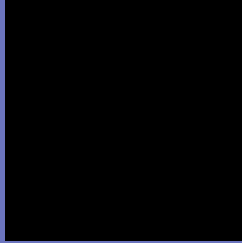
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B74BE Background



This preview shows how black text looks on a background with the Hex color 6B74BE.

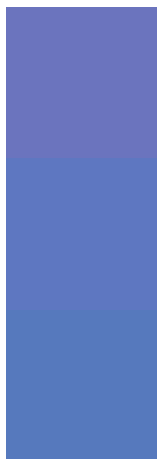


This preview shows how white text looks on a background with the Hex color 6B74BE.

# 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**  
6B74BE

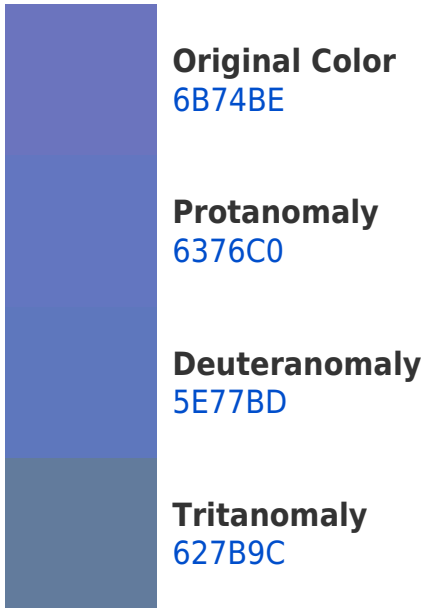
**Protanopia**  
5E77C1

**Deuteranopia**  
5679BD

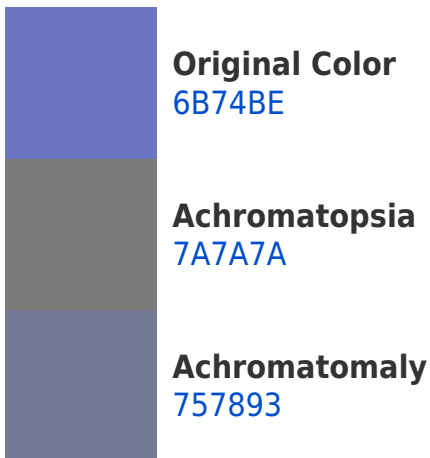


**Tritanopia**  
5D7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B74BE 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 #6B74BE looks like.

```
.text, #text, p{  
    color:#6B74BE  
}
```

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 #6B74BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B74BE
}
```

## Border

The CSS property to change the border of an element to Hex 6B74BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

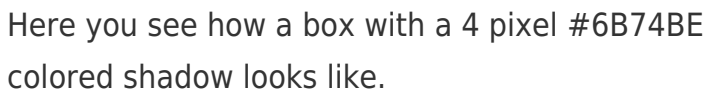
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B74BE }
```

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

```
.border{ border-color:#6B74BE }
```

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



Here you see how a box with a 4 pixel #6B74BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B74BE; -webkit-box-shadow:4px 4px  
4px 4px #6B74BE; box-shadow:4px 4px 4px  
4px #6B74BE }
```

# Background

The CSS property to change the background color of an element to Hex 6B74BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B74BE }
```

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

```
.background{ background-color:#6B74BE }
```

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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