

# Converting Colors

Hex(6A7BCE)

Have a look what the booklet for  
Hex(6A7BCE) contains.

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# Color

Hex(6A7BCE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A7BCE
RGB	106, 123, 206
RGB Percent	42%, 48%, 81%
CMY	0.5843, 0.5176, 0.1922
CMYK	0.49, 0.40, 0.00, 0.19
HSL	230°, 51%, 61%
HSV	230°, 49%, 81%
XYZ	24.1674, 21.6863, 61.3046
YIQ	127.3790, -36.7750, 22.2090

# Conversions

## Conversions Part 2

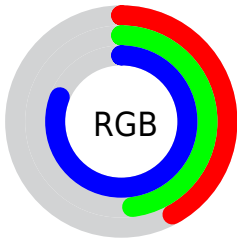
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 121, 206
Decimal	6978510
CIELab	53.69, 16.36, -44.99
CIELCh	54, 47.872, 289.987
Yxy	21.6863, 0.2255, 0.2024
Android (android.graphics.Color)	4285168590 (0xFF6A7BCE)
YUV	127.3790, 38.7602, -18.7494
Hunter-Lab	46.5686, 11.1400, -45.4536

# Details

The Hex color **6A7BCE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CEBD6A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A2AFFF**, and **304B97** is the 20% darker color. If you saturate the color by 10%, you get **556ACE**, and if you desaturate by 10%, it is **7F8CCE**.

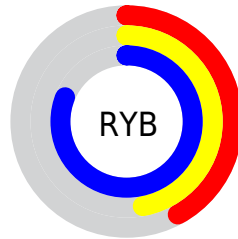
# Distribution



Red (42%)

Green (48%)

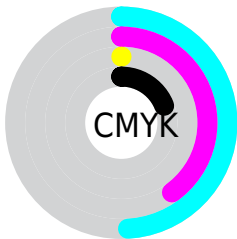
Blue (81%)



Red (42%)

Yellow (47%)

Blue (81%)

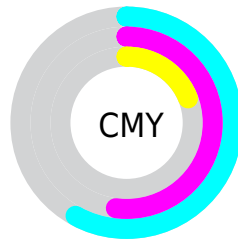


Cyan (49%)

Magenta (40%)

Yellow (0%)

Black (19%)



Cyan (58%)

Magenta (52%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7BCE 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 6A7BCE by changing the saturation by 10% instead.



■ 6A7BCE

■ 6A7BCE

FFFFFF

■ 4E62B2

■ A2AFFF

■ 304B97

■ BFCBFF

■ 06347D

■ DCE7FF

■ 002063

■ F9FFFF

■ 00094B

■ 000434

■ 00021E

■ 000000

■ 6A7BCE

■ 6A7BCE

■ 556ACE

■ 7F8CCE

■ 4159CE

■ 939DCE

■ 2C48CE

■ A8AECE

■ 1837CE

■ BCBFCE

■ 0326CE

■ D1D0CE

■ 0023CE

■ E6E2CE

■ FAF3CE

■ FFFFCE

# Harmonies

## Analogous

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



0089D1



6A7BCE



A56AB6

# Triad

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



6A7BCE



BF6942



009471

# Complementary

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



6A7BCE



CEBD6A

# 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.



4B8F49



6A7BCE



A3792B

# Square

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



6A7BCE



CC5D66



7C872D



00959B

# Rectangle

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



6A7BCE



BD609D



7C872D



059363



# Sweetspot

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



6A7BCE



D9DFFF



6ACEBC



696C80



000000



808080



# Same Dimension

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



6A7BCE



6B84FF



8A6ACE



5C5E66



001CA6



000726



# Inverse Universe

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



CE6A7B



FF6B84



AECE6A



665C5E



A6001C

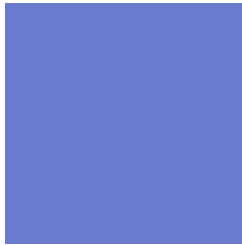


260007



# Previews

## White Background



This preview shows how the Hex color 6A7BCE looks on a white background.

## Color Contrast Check

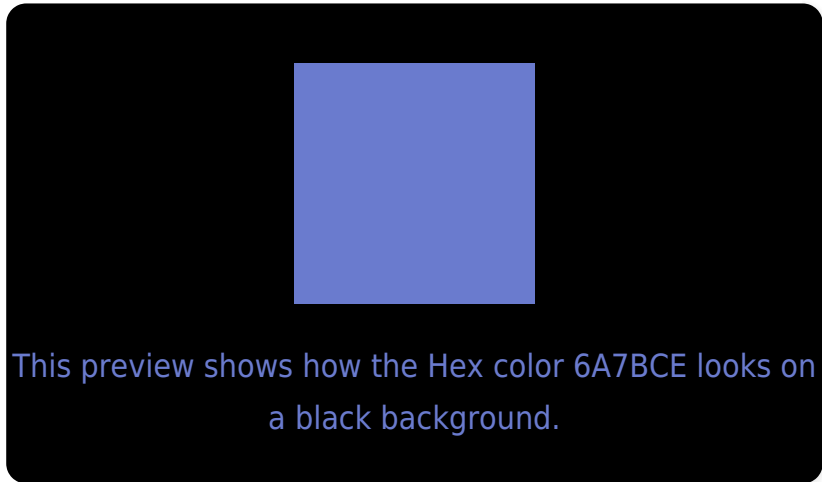
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A7BCE Background



This preview shows how black text looks on a background with the Hex color 6A7BCE.



This preview shows how white text looks on a background with the Hex color 6A7BCE.

# 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**  
6A7BCE

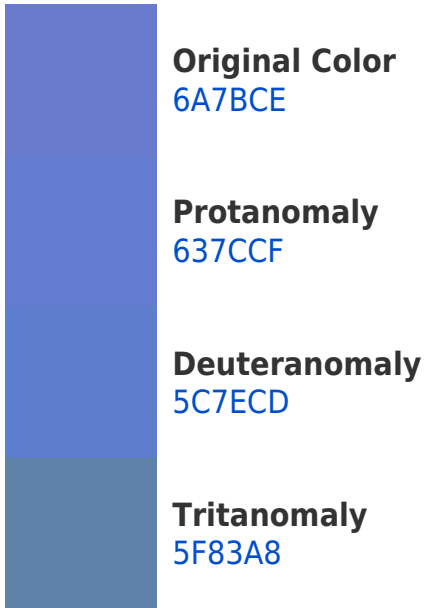
**Protanopia**  
5F7DD0

**Deuteranopia**  
5480CD

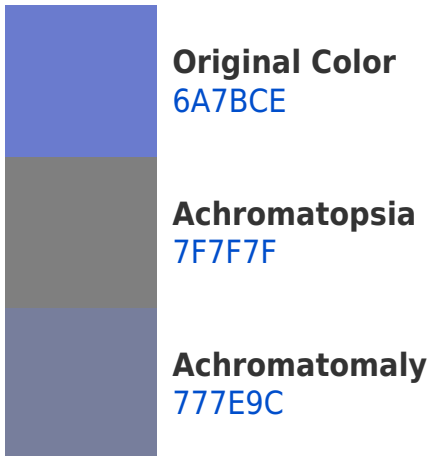


**Tritanopia**  
588893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7BCE 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 #6A7BCE looks like.

```
.text, #text, p{  
    color:#6A7BCE  
}
```

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 #6A7BCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7BCE
}
```

## Border

The CSS property to change the border of an element to Hex 6A7BCE 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
#6A7BCE }
```

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

```
.border{ border-color:#6A7BCE }
```

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

Here you see how a box with a 4 pixel #6A7BCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7BCE; -webkit-box-shadow:4px 4px  
4px 4px #6A7BCE; box-shadow:4px 4px 4px  
4px #6A7BCE }
```

# Background

The CSS property to change the background color of an element to Hex 6A7BCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7BCE }
```

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

```
.background{ background-color:#6A7BCE }
```

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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