

# Converting Colors

Hex(6A89CE)

Have a look what the booklet for  
Hex(6A89CE) contains.

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# Color

**Hex(6A89CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A89CE
RGB	106, 137, 206
RGB Percent	42%, 54%, 81%
CMY	0.5843, 0.4627, 0.1922
CMYK	0.49, 0.33, 0.00, 0.19
HSL	221°, 51%, 61%
HSV	221°, 49%, 81%
XYZ	26.0301, 25.4117, 61.9255
YIQ	135.5970, -40.6250, 14.8870

# Conversions

## Conversions Part 2

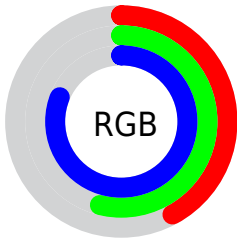
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	106, 130, 206
Decimal	6982094
CIE Lab	57.47, 8.00, -39.02
CIE LCh	57, 39.836, 281.585
Yxy	25.4117, 0.2296, 0.2242
Android (android.graphics.Color)	4285172174 (0xFF6A89CE)
YUV	135.5970, 34.7087, -25.9566
Hunter-Lab	50.4100, 3.9540, -37.5470

# Details

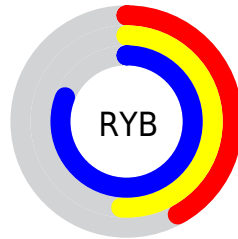
The Hex color **6A89CE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **CEAF6A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A2BEFF**, and **315897** is the 20% darker color. If you saturate the color by 10%, you get **557BCE**, and if you desaturate by 10%, it is **7F97CE**.

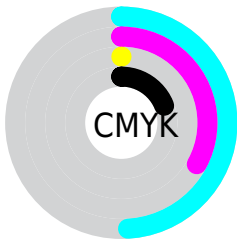
# Distribution



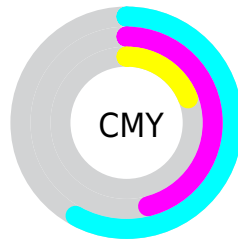
- Red (42%)
- Green (54%)
- Blue (81%)



- Red (42%)
- Yellow (51%)
- Blue (81%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (46%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A89CE 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 6A89CE by changing the saturation by 10% instead.



■ 6A89CE

■ 6A89CE

FFFFFF

■ 4E70B2

■ A2BEFF

■ 315897

■ BEDAFF

■ 08417D

■ DBF6FF

■ 002B64

■ F9FFFF

■ 00174B

■ 000434

■ 00021E

■ 000000

■ 6A89CE

■ 6A89CE

■ 557BCE

■ 7F97CE

■ 416DCE

■ 93A5CE

■ 2C5ECE

■ A8B4CE

■ 1850CE

■ BCC2CE

■ 0342CE

■ D1D0CE

■ 0040CE

■ E6DECE

■ FAECCE

■ FFFBCE

■ FFFFCE

# Harmonies

## Analogous

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



0294CB



6A89CE



9F7CBE

# Triad

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



6A89CE



C6745D



3B9A73

# Complementary

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



6A89CE



CEAF6A

# 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.



6C9554



6A89CE



B18048

# Square

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



6A89CE



CC6E7E



928C44



009C97

# Rectangle

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



6A89CE



B774AC



928C44



4D9968



# Sweetspot

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



6A89CE



D9E5FF



6ACEAE



697080



000000



808080



# Same Dimension

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



6A89CE



6B99FF



7C6ACE



5C5F66



0033A6



000C26



# Inverse Universe

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



CE6A89



FF6B99



BCCE6A



665C5F



A60033

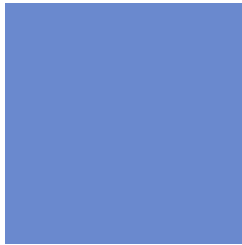


26000C



# Previews

## White Background



This preview shows how the Hex color 6A89CE looks on a white background.

## Color Contrast Check

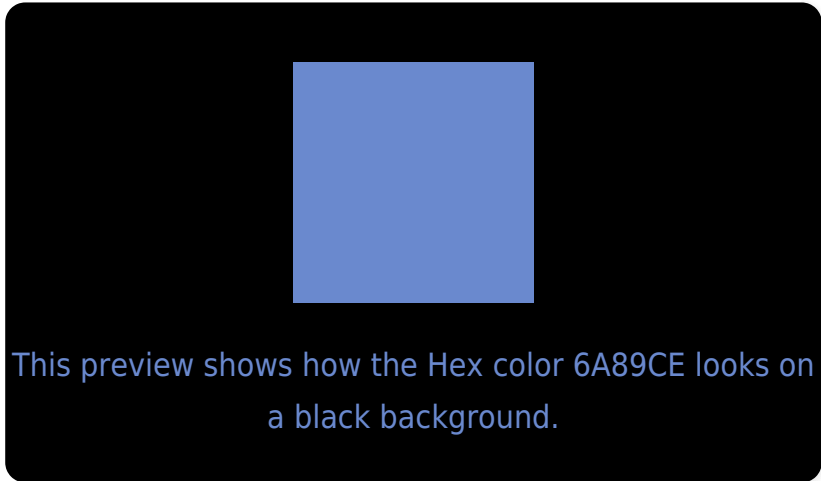
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A89CE Background



This preview shows how black text looks on a background with the Hex color 6A89CE.

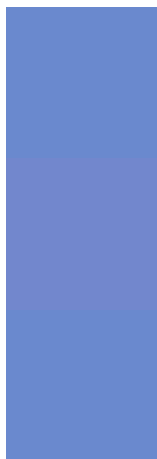


This preview shows how white text looks on a background with the Hex color 6A89CE.

# 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**  
6A89CE

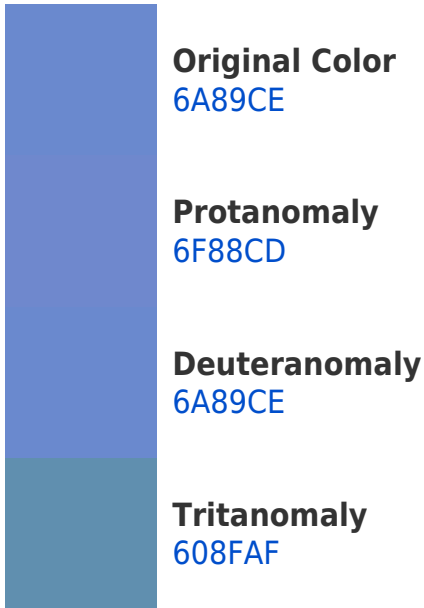
**Protanopia**  
7287CD

**Deuteranopia**  
6A89CE

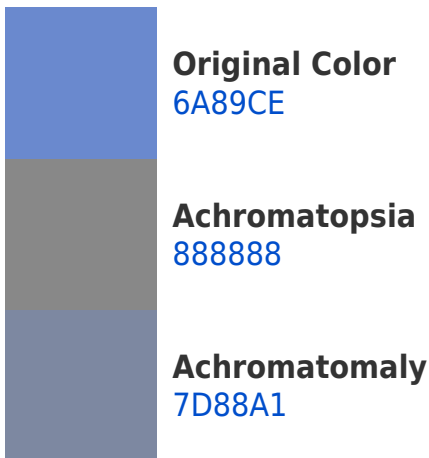


**Tritanopia**  
5B929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A89CE 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 #6A89CE looks like.

```
.text, #text, p{  
    color:#6A89CE  
}
```

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 #6A89CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A89CE
}
```

## Border

The CSS property to change the border of an element to Hex 6A89CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

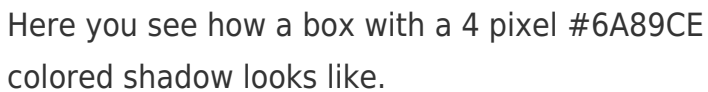
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A89CE }
```

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

```
.border{ border-color:#6A89CE }
```

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



Here you see how a box with a 4 pixel #6A89CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A89CE; -webkit-box-shadow:4px 4px  
4px 4px #6A89CE; box-shadow:4px 4px 4px  
4px #6A89CE }
```

# Background

The CSS property to change the background color of an element to Hex 6A89CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A89CE }
```

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

```
.background{ background-color:#6A89CE }
```

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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