

# Converting Colors

Hex(6A86CD)

Have a look what the booklet for  
Hex(6A86CD) contains.

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# Color

**Hex(6A86CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A86CD
RGB	106, 134, 205
RGB Percent	42%, 53%, 80%
CMY	0.5843, 0.4745, 0.1961
CMYK	0.48, 0.35, 0.00, 0.20
HSL	223°, 50%, 61%
HSV	223°, 48%, 80%
XYZ	25.4884, 24.5221, 61.1475
YIQ	133.7220, -39.4790, 16.1450

# Conversions

## Conversions Part 2

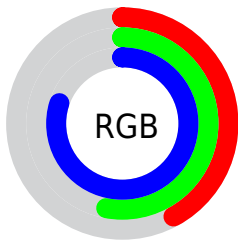
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 128, 205
Decimal	6981325
CIE <sub>Lab</sub>	56.61, 9.47, -39.82
CIE <sub>LCh</sub>	57, 40.934, 283.379
Yxy	24.5221, 0.2293, 0.2206
Android (android.graphics.Color)	4285171405 (0xFF6A86CD)
YUV	133.7220, 35.1401, -24.3122
Hunter-Lab	49.5198, 5.2162, -38.5479

# Details

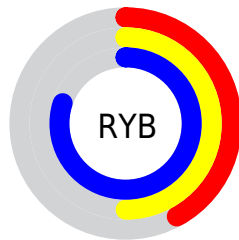
The Hex color **6A86CD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **CDB16A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A2BBFF**, and **315596** is the 20% darker color. If you saturate the color by 10%, you get **5677CD**, and if you desaturate by 10%, it is **7F95CD**.

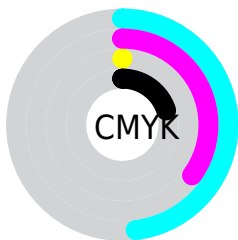
# Distribution



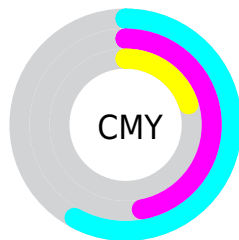
- Red (42%)
- Green (53%)
- Blue (80%)



- Red (42%)
- Yellow (50%)
- Blue (80%)



- Cyan (48%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (47%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A86CD 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 6A86CD by changing the saturation by 10% instead.



■ 6A86CD

■ 6A86CD

FFFFFF

■ 4E6DB1

■ A2BBFF

■ 315596

■ BED7FF

■ 093E7C

■ DBF3FF

■ 002963

■ F9FFFF

■ 00154B

■ 000433

■ 00021D

■ 000000

■ 6A86CD

■ 6A86CD

■ 5677CD

■ 7F95CD

■ 4169CD

■ 93A3CD

■ 2D5ACD

■ A8B2CD

■ 184BCD

■ BCC1CD

■ 043CCD

■ D1D0CD

■ 003ACD

■ E5DECD

■ FAEDCD

■ FFFCCD

■ FFFFCD

# Harmonies

## Analogous

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



0091CC



6A86CD



9F78BC

# Triad

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



6A86CD



C47258



309972

# Complementary

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



6A86CD



CDB16A

# 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.



669452



6A86CD



AE7F43

# Square

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



6A86CD



CB6A79



8E8B40



009A97

# Rectangle

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



6A86CD



B770A8



8E8B40



469767



# Sweetspot

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



6A86CD



DBE5FF



6ACDB1



6A7080



000000



808080



# Same Dimension

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



6A86CD



6B95FF



7F6ACD



5C5F66



002FA6



000B26



# Inverse Universe

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



CD6A86



FF6B95



B8CD6A



665C5F



A6002F

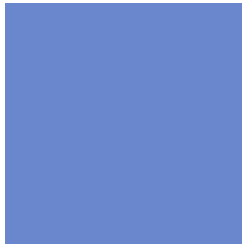


26000B



# Previews

## White Background



This preview shows how the Hex color 6A86CD looks on a white background.

## Color Contrast Check

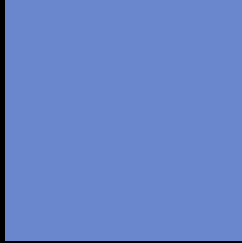
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 6A86CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

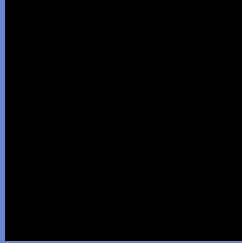
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A86CD Background



This preview shows how black text looks on a background with the Hex color 6A86CD.

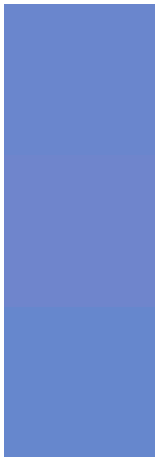


This preview shows how white text looks on a background with the Hex color 6A86CD.

# 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**  
6A86CD

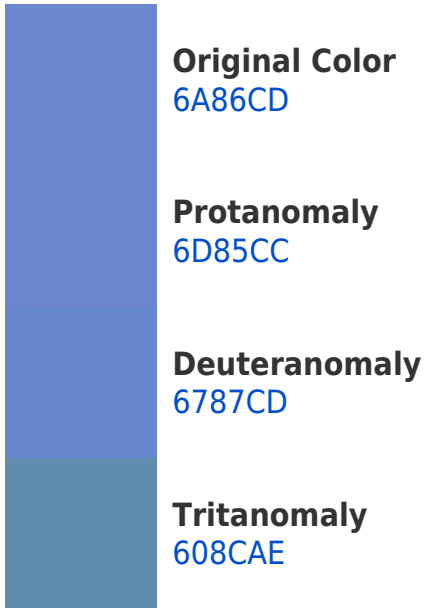
**Protanopia**  
6F85CC

**Deuteranopia**  
6687CD

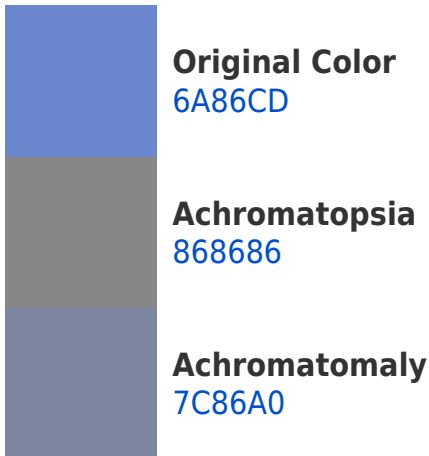


**Tritanopia**  
5B909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A86CD 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 #6A86CD looks like.

```
.text, #text, p{  
    color:#6A86CD  
}
```

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 #6A86CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A86CD
}
```

## Border

The CSS property to change the border of an element to Hex 6A86CD 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
#6A86CD }
```

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

```
.border{ border-color:#6A86CD }
```

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

Here you see how a box with a 4 pixel #6A86CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A86CD; -webkit-box-shadow:4px 4px  
4px 4px #6A86CD; box-shadow:4px 4px 4px  
4px #6A86CD }
```

# Background

The CSS property to change the background color of an element to Hex 6A86CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A86CD }
```

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

```
.background{ background-color:#6A86CD }
```

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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