

# Converting Colors

Hex(6C96DB)

Have a look what the booklet for  
Hex(6C96DB) contains.

|  |    |
|--|----|
| <b>Hex(6C96DB)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(6C96DB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6C96DB                      |
| RGB         | 108, 150, 219               |
| RGB Percent | 42%, 59%, 86%               |
| CMY         | 0.5765, 0.4118, 0.1412      |
| CMYK        | 0.51, 0.32, 0.00, 0.14      |
| HSL         | 217°, 61%, 64%              |
| HSV         | 217°, 51%, 86%              |
| XYZ         | 29.8769, 30.1153, 71.2560   |
| YIQ         | 145.3080, -47.1810, 12.5550 |

# Conversions

## Conversions Part 2

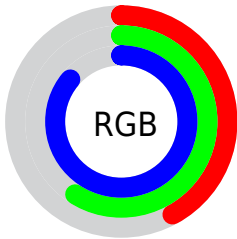
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">108, 138, 219</a>                   |
| Decimal                             | <a href="#">7116507</a>                         |
| CIELab                              | <a href="#">61.75, 4.82, -39.58</a>             |
| CIELCh                              | <a href="#">62, 39.875, 276.945</a>             |
| Yxy                                 | <a href="#">30.1153, 0.2276,<br/>0.2295</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285306587<br/>(0xFF6C96DB)</a>     |
| YUV                                 | <a href="#">145.3080, 36.3302,<br/>-32.7191</a> |
| Hunter-Lab                          | <a href="#">54.8774, 1.1451,<br/>-38.5713</a>   |

# Details

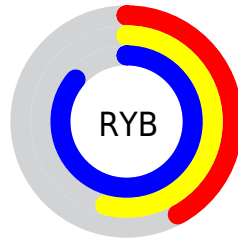
The Hex color **6C96DB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DBB16C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A5CCFF**, and **3064A4** is the 20% darker color. If you saturate the color by 10%, you get **5688DB**, and if you desaturate by 10%, it is **82A4DB**.

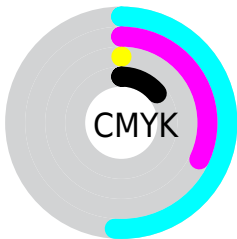
# Distribution



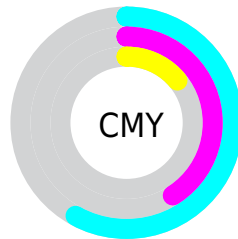
- Red (42%)
- Green (59%)
- Blue (86%)



- Red (42%)
- Yellow (54%)
- Blue (86%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (41%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C96DB 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 6C96DB by changing the saturation by 10% instead.



 6C96DB

 6C96DB

FFFFFF

 4F7CBF

 A5CCFF

 3064A4

 C2E8FF

 004C89

 DFFFFF

 00366F

FDFFFF

 002156

 00093F

 000328

 000112

 000000

 6C96DB

 6C96DB

 5688DB

 82A4DB

 407BDB

 98B1DB

 2A6DDB

 AEBFDB

 1460DB

 C4CCDB

 0053DB

 DADADB

 EFE8DB

 FFF5DB

 FFFFDB

# Harmonies

## Analogous

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



0AA0D5



6C96DB



A389CE

# Triad

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



6C96DB



D57E6D



50A578

# Complementary

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



6C96DB



DBB16C

# 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.



7E9F5B



6C96DB



C28A54

# Square

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



6C96DB



D8788E



A3964D



00A89D

# Rectangle

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



6C96DB



BE80BC



A3964D



60A46D



# Sweetspot

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



6C96DB



D9E7FF



6CDBB0



697180



000000



808080



# Same Dimension

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



6C96DB



639EFF



796CDB



63676E



0042AD



00112E



# Inverse Universe

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



DB6C96



FF639E



CEDB6C



6E6367



AD0042



2E0011



# Previews

## White Background



This preview shows how the Hex color 6C96DB looks on a white background.

## Color Contrast Check

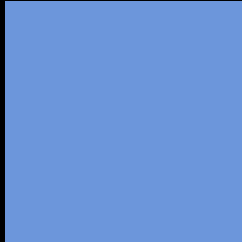
Large Text (above 18pt) WCAG AA × Fail

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 6C96DB 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 ✓ Pass

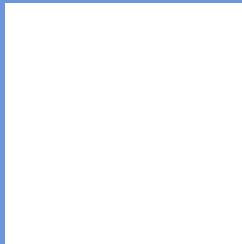
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C96DB Background



This preview shows how black text looks on a background with the Hex color 6C96DB.



This preview shows how white text looks on a background with the Hex color 6C96DB.

# 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](#).

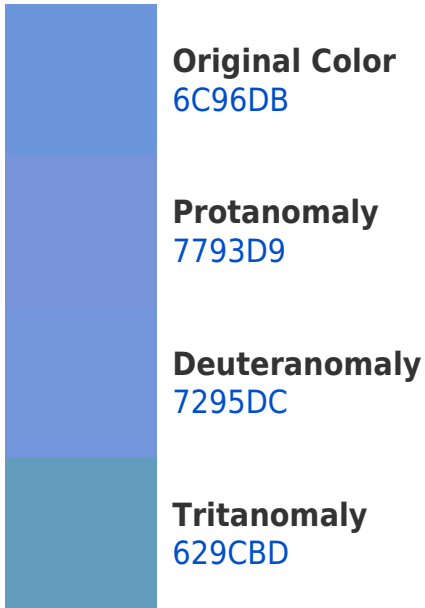
## Dichromacy



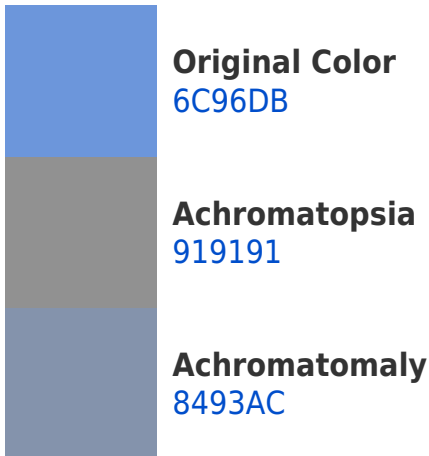


**Tritanopia**  
5D9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C96DB 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 #6C96DB looks like.

```
.text, #text, p{  
    color:#6C96DB  
}
```

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 #6C96DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C96DB
}
```

## Border

The CSS property to change the border of an element to Hex 6C96DB 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
#6C96DB }
```

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

```
.border{ border-color:#6C96DB }
```

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

Here you see how a box with a 4 pixel #6C96DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C96DB; -webkit-box-shadow:4px 4px  
4px 4px #6C96DB; box-shadow:4px 4px 4px  
4px #6C96DB }
```

# Background

The CSS property to change the background color of an element to Hex 6C96DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C96DB }
```

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

```
.background{ background-color:#6C96DB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor