

# Converting Colors

Hex(6CB9F1)

Have a look what the booklet for  
Hex(6CB9F1) contains.

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# **Color**

**Hex(6CB9F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CB9F1
RGB	108, 185, 241
RGB Percent	42%, 73%, 95%
CMY	0.5765, 0.2745, 0.0549
CMYK	0.55, 0.23, 0.00, 0.05
HSL	205°, 83%, 68%
HSV	205°, 55%, 95%
XYZ	39.4105, 44.2369, 89.6805
YIQ	168.3610, -63.8680, 1.0920

# Conversions

## Conversions Part 2

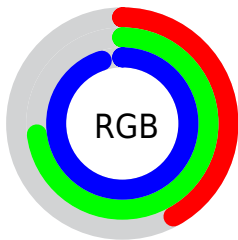
Format	Color
R <sub>Y</sub> B	108, 157, 241
Decimal	7125489
CIE Lab	72.39, -8.13, -35.08
CIE LCh	72, 36.014, 256.950
Yxy	44.2369, 0.2274, 0.2552
Android (android.graphics.Color)	4285315569 (0xFF6CB9F1)
YUV	168.3610, 35.8110, -52.9366
Hunter-Lab	66.5109, -10.6252, -33.3866

# Details

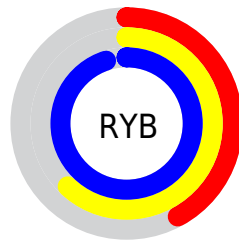
The Hex color **6CB9F1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F1A46C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A7F1FF**, and **2984B9** is the 20% darker color. If you saturate the color by 10%, you get **54AFF1**, and if you desaturate by 10%, it is **84C3F1**.

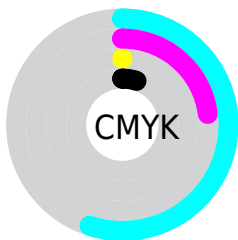
# Distribution



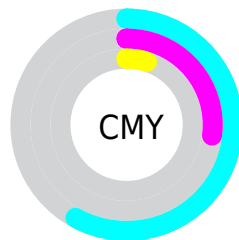
- Red (42%)
- Green (73%)
- Blue (95%)



- Red (42%)
- Yellow (62%)
- Blue (95%)



- Cyan (55%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (58%)
- Magenta (27%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CB9F1 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 6CB9F1 by changing the saturation by 10% instead.



 6CB9F1

 6CB9F1

FFFFFF

 4D9ED5

 A7F1FF

 2984B9

 C5FFFF

 006B9E

 E3FFFF

 005383

 003C6A

 002751

 00123A

 000224

 00000B

■ 6CB9F1

■ 6CB9F1

■ 54AFF1

■ 84C3F1

■ 3CA5F1

■ 9CCDF1

■ 249BF1

■ B4D7F1

■ 0C90F1

■ CCE2F1

■ 008CF1

■ E4ECF1

■ FDF6F1

■ FFFFF1

# Harmonies

## Analogous

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



3EC0E1



6CB9F1



A1AEF0

# Triad

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



6CB9F1



F399A0



90BE84

# Complementary

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



6CB9F1



F1A46C

# 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.



B5B572



6CB9F1



EBA083

# Square

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



6CB9F1



E99AC1



D5AB72



67C2A2

# Rectangle

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



6CB9F1



C0A6E6



D5AB72



9DBB7C



# Sweetspot

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



6CB9F1



D4EDFF



6CF1A3



667580



000000



808080



# Same Dimension

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



6CB9F1



57B8FF



6C77F1



6C7378



006AB8



002038



# Inverse Universe

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



F16CB9



FF57B8



F1E66C



786C73



B8006A

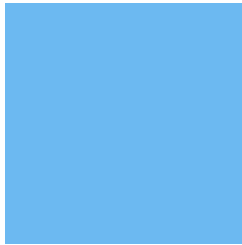


380020



# Previews

## White Background



This preview shows how the Hex color 6CB9F1 looks on a white background.

## Color Contrast Check

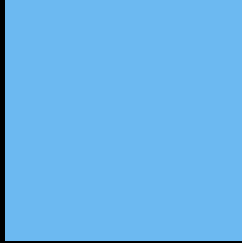
Large Text (above 18pt) WCAG AA × Fail

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 6CB9F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

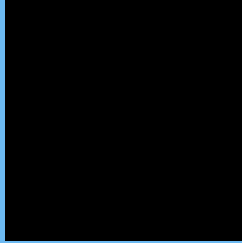
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

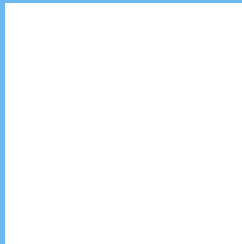
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CB9F1 Background



This preview shows how black text looks on a background with the Hex color 6CB9F1.

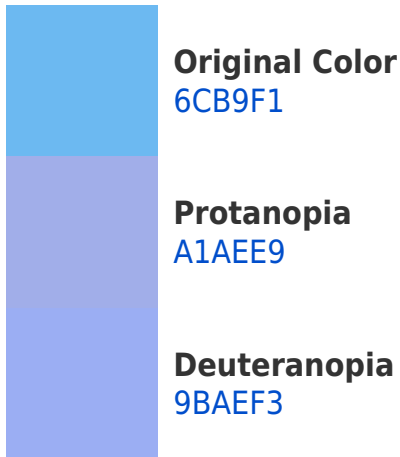


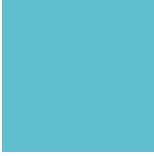
This preview shows how white text looks on a background with the Hex color 6CB9F1.

# 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](#).

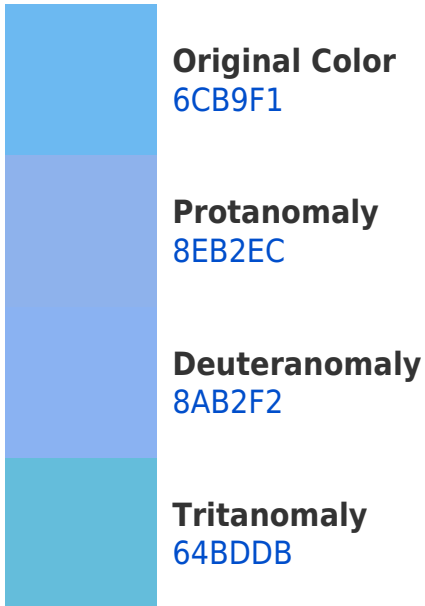
## Dichromacy



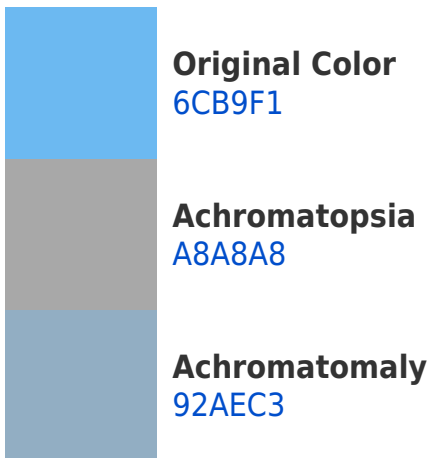


**Tritanopia**  
5FBFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CB9F1 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 #6CB9F1 looks like.

```
.text, #text, p{  
    color:#6CB9F1  
}
```

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 #6CB9F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB9F1  
}
```

## Border

The CSS property to change the border of an element to Hex 6CB9F1 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  
#6CB9F1 }
```

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

```
.border{ border-color:#6CB9F1 }
```

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

Here you see how a box with a 4 pixel #6CB9F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB9F1; -webkit-box-shadow:4px 4px  
4px 4px #6CB9F1; box-shadow:4px 4px 4px  
4px #6CB9F1 }
```

# Background

The CSS property to change the background color of an element to Hex 6CB9F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB9F1 }
```

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

```
.background{ background-color:#6CB9F1 }
```

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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