

# Converting Colors

Hex(6CB3EB)

Have a look what the booklet for  
Hex(6CB3EB) contains.

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# **Color**

**Hex(6CB3EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CB3EB
RGB	108, 179, 235
RGB Percent	42%, 70%, 92%
CMY	0.5765, 0.2980, 0.0784
CMYK	0.54, 0.24, 0.00, 0.08
HSL	206°, 76%, 67%
HSV	206°, 54%, 92%
XYZ	37.2998, 41.4265, 84.6275
YIQ	164.1550, -60.2920, 2.3640

# Conversions

## Conversions Part 2

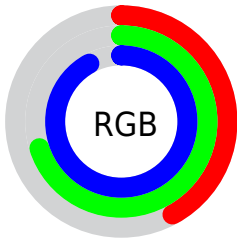
Format	Color
<a href="#">RYB</a>	108, 154, 235
Decimal	7123947
CIELab	70.47, -6.67, -34.79
CIELCh	70, 35.425, 259.155
Yxy	41.4265, 0.2283, 0.2536
Android (android.graphics.Color)	4285314027 (0xFF6CB3EB)
YUV	164.1550, 34.9266, -49.2479
Hunter-Lab	64.3634, -9.1918, -32.9023

# Details

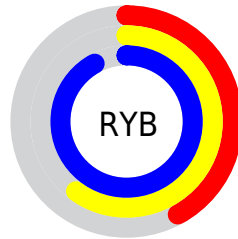
The Hex color **6CB3EB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBA46C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A7EBFF**, and **2B7EB3** is the 20% darker color. If you saturate the color by 10%, you get **55A9EB**, and if you desaturate by 10%, it is **84BDEB**.

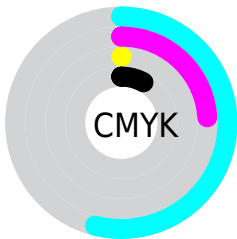
# Distribution



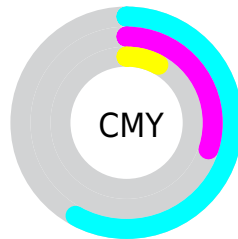
- Red (42%)
- Green (70%)
- Blue (92%)



- Red (42%)
- Yellow (60%)
- Blue (92%)



- Cyan (54%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (58%)
- Magenta (30%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CB3EB 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 6CB3EB by changing the saturation by 10% instead.



 6CB3EB

 6CB3EB

FFFFFF

 4E98CF

 A7EBFF

 2B7EB3

 C4FFFF

 006698

 E2FFFF

 004E7E

 003765

 00224C

 000835

 00021F

 000003

■ 6CB3EB

■ 6CB3EB

■ 55A9EB

■ 84BDEB

■ 3D9EEB

■ 9BC8EB

■ 2594EB

■ B3D2EB

■ 0E8AEB

■ CADCEB

■ 0083EB

■ E2E7EB

■ F9F1EB

■ FFFCEB

■ FFFFEB

# Harmonies

## Analogous

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



3DBADC



6CB3EB



A0A8E9

# Triad

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



6CB3EB



EC9499



88B981

# Complementary

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



6CB3EB



EBA46C

# 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.



ADB16F



6CB3EB



E39C7D

# Square

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



6CB3EB



E495B9



CDA66D



60BD9F

# Rectangle

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



6CB3EB



BDA0DE



CDA66D



95B679

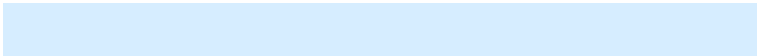


# Sweetspot

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



6CB3EB



D6EDFF



6CEBA3



677580



000000



808080



# Same Dimension

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



6CB3EB



59B6FF



6C74EB



6A7075



0065B5



001E36



# Inverse Universe

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



EB6CB3



FF59B6



EBE36C



756A70



B50065

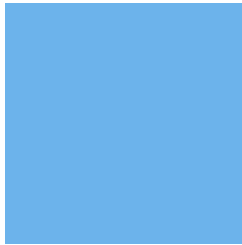


36001E



# Previews

## White Background



This preview shows how the Hex color 6CB3EB looks on a white background.

## Color Contrast Check

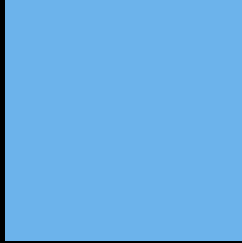
Large Text (above 18pt) WCAG AA × Fail

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 6CB3EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

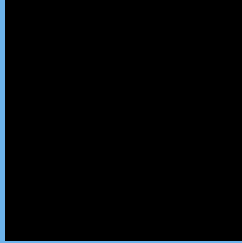
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

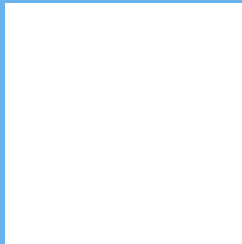
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CB3EB Background



This preview shows how black text looks on a background with the Hex color 6CB3EB.

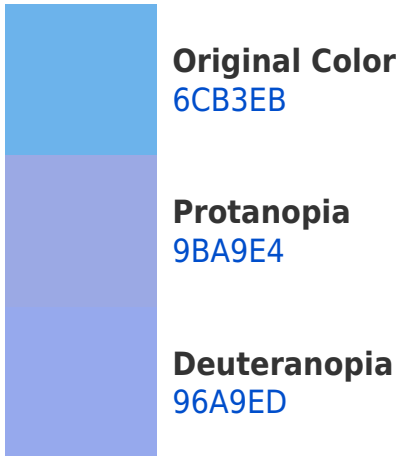


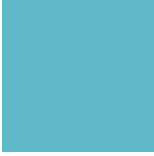
This preview shows how white text looks on a background with the Hex color 6CB3EB.

# 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](#).

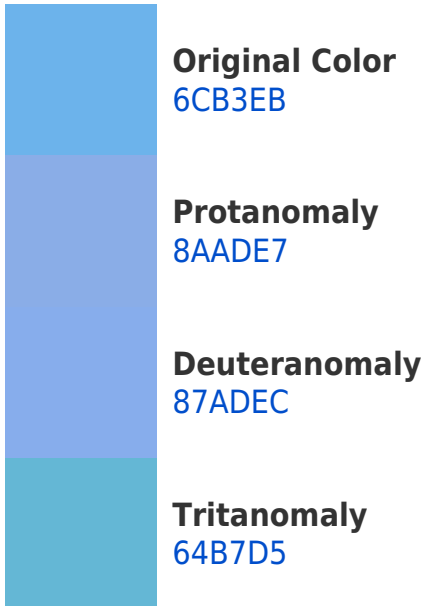
## Dichromacy



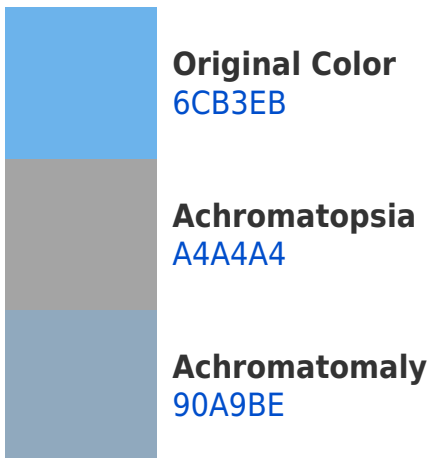


**Tritanopia**  
5FB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CB3EB 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 #6CB3EB looks like.

```
.text, #text, p{  
    color:#6CB3EB  
}
```

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 #6CB3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB3EB
}
```

## Border

The CSS property to change the border of an element to Hex 6CB3EB 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
#6CB3EB }
```

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

```
.border{ border-color:#6CB3EB }
```

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

Here you see how a box with a 4 pixel #6CB3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB3EB; -webkit-box-shadow:4px 4px  
4px 4px #6CB3EB; box-shadow:4px 4px 4px  
4px #6CB3EB }
```

# Background

The CSS property to change the background color of an element to Hex 6CB3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB3EB }
```

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

```
.background{ background-color:#6CB3EB }
```

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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