

# Converting Colors

Hex(6CBAEB)

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

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# **Color**

**Hex(6CBAEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CBAEB
RGB	108, 186, 235
RGB Percent	42%, 73%, 92%
CMY	0.5765, 0.2706, 0.0784
CMYK	0.54, 0.21, 0.00, 0.08
HSL	203°, 76%, 67%
HSV	203°, 54%, 92%
XYZ	38.7386, 44.3041, 85.1071
YIQ	168.2640, -62.2170, -1.2970

# Conversions

## Conversions Part 2

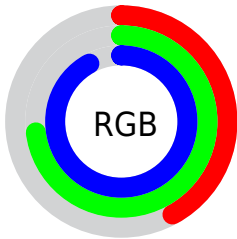
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	108, 156, 235
Decimal	7125739
CIE <sub>Lab</sub>	72.43, -10.46, -31.76
CIE <sub>LCh</sub>	72, 33.441, 251.780
Yxy	44.3041, 0.2304, 0.2635
Android (android.graphics.Color)	4285315819 (0xFF6CBAEB)
YUV	168.2640, 32.9008, -52.8515
Hunter-Lab	66.5613, -12.5955, -29.2168

# Details

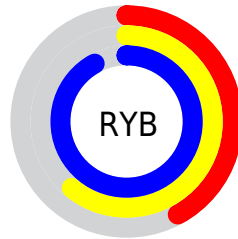
The Hex color **6CBAEB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9D6C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A7F2FF**, and **2B85B3** is the 20% darker color. If you saturate the color by 10%, you get **55B1EB**, and if you desaturate by 10%, it is **84C3EB**.

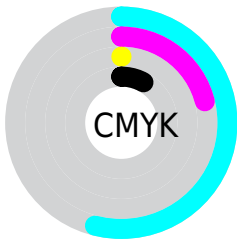
# Distribution



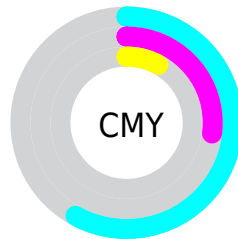
- Red (42%)
- Green (73%)
- Blue (92%)



- Red (42%)
- Yellow (61%)
- Blue (92%)



- Cyan (54%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (58%)
- Magenta (27%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 6CBAEB

 6CBAEB

FFFFFF

 4E9FCF


 A7F2FF

 2B85B3

 C4FFFF

 006C98

 E2FFFF

 00547E

 003D65

 00274D

 001336

 000220

 000004

 6CBAEB

 6CBAEB

 55B1EB

 84C3EB

 3DA8EB

 9BCCEB

 259FEB

 B3D5EB

 0E96EB

 CADEEB

 0090EB

 E2E7EB

 F9F0EB

 FFF9EB

 FFFFEB

# Harmonies

## Analogous

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



4BC0D9



6CBAEB



9BB0ED

# Triad

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



6CBAEB



EE9BA7



99BC83

# Complementary

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



6CBAEB



EB9D6C

# 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.



BBB475



6CBAEB



EAA08A

# Square

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



6CBAEB



E29DC6



D7A978



74C19E

# Rectangle

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



6CBAEB



B8A9E6



D7A978



A4B97D

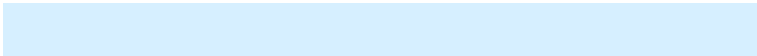


# Sweetspot

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



6CBAEB



D6EFFF



6CEB9D



677680



000000



808080

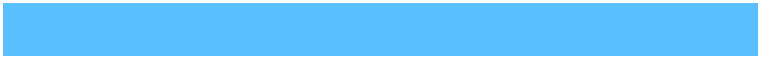


# Same Dimension

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



6CBAEB



59BFFF



6C7BEB



6A7175



006FB5



002136



# Inverse Universe

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



EB6CBA



FF59BF



EBDC6C



756A71



B5006F

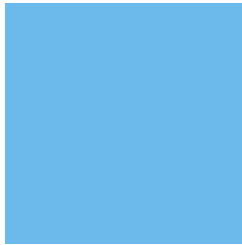


360021



# Previews

## White Background



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

## Color Contrast Check

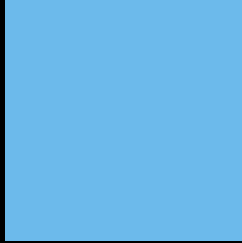
Large Text (above 18pt) WCAG AA × Fail

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 6CBAEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

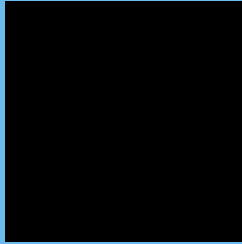
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CBAEB Background



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

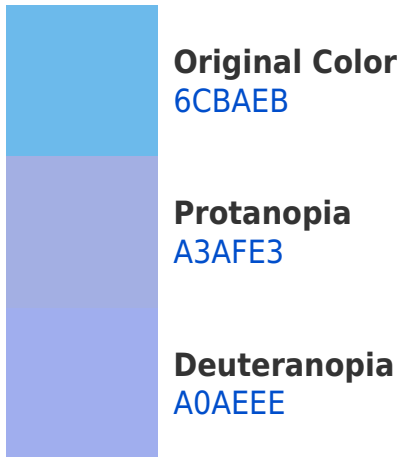


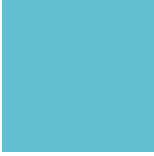
This preview shows how white text looks on a background with the Hex color 6CBAEB.

# 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](#).

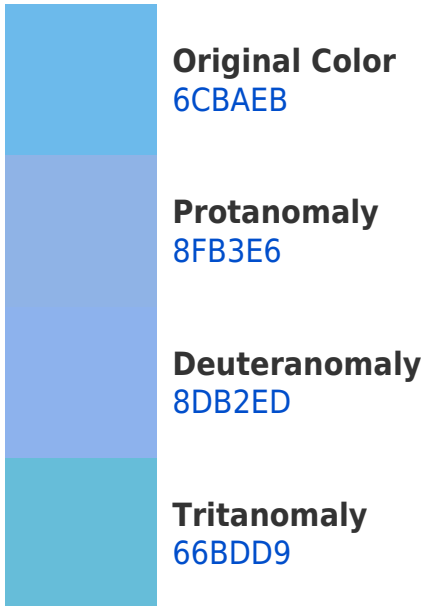
## Dichromacy



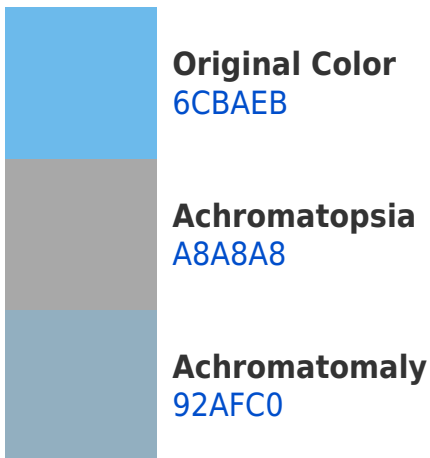


**Tritanopia**  
62BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6CBAEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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