

# Converting Colors

Hex(5CB9E8)

Have a look what the booklet for  
Hex(5CB9E8) contains.

<b>Hex(5CB9E8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5CB9E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CB9E8
RGB	92, 185, 232
RGB Percent	36%, 73%, 91%
CMY	0.6392, 0.2745, 0.0902
CMYK	0.60, 0.20, 0.00, 0.09
HSL	200°, 75%, 64%
HSV	200°, 60%, 91%
XYZ	36.3281, 42.7994, 82.6904
YIQ	162.5510, -70.5150, -5.0990

# Conversions

## Conversions Part 2

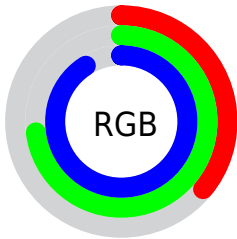
Format	Color
R <sub>Y</sub> B	92, 148, 232
Decimal	6076904
CIE Lab	71.42, -13.95, -31.75
CIE LCh	71, 34.677, 246.288
Yxy	42.7994, 0.2245, 0.2645
Android (android.graphics.Color)	4284266984 (0xFF5CB9E8)
YUV	162.5510, 34.2384, -61.8732
Hunter-Lab	65.4213, -15.3671, -29.1457

# Details

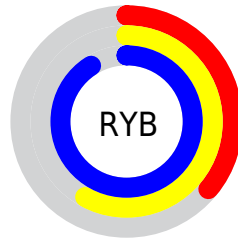
The Hex color **5CB9E8** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E88B5C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **99F1FF**, and **0084B0** is the 20% darker color. If you saturate the color by 10%, you get **45B1E8**, and if you desaturate by 10%, it is **73C1E8**.

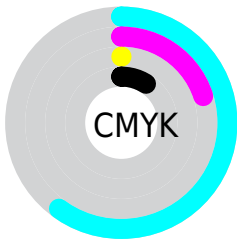
# Distribution



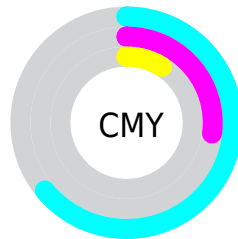
- Red (36%)
- Green (73%)
- Blue (91%)



- Red (36%)
- Yellow (58%)
- Blue (91%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (64%)
- Magenta (27%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CB9E8 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 5CB9E8 by changing the saturation by 10% instead.



■ 5CB9E8

■ 5CB9E8

FFFFFF

■ 3A9ECC

■ 99F1FF

■ 0084B0

■ B7FFFF

■ 006B95

■ D5FFFF

■ 00537B

■ F3FFFF

■ 003B62

■ 00264A

■ 000E33

■ 00021E

■ 000000

■ 5CB9E8

■ 5CB9E8

■ 45B1E8

■ 73C1E8

■ 2EA9E8

■ 8AC9E8

■ 16A2E8

■ A2D0E8

■ 009AE8

■ B9D8E8

■ D0E0E8

■ E7E8E8

■ FEF0E8

■ FFF7E8

■ FFFFE8

# Harmonies

## Analogous

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



3EBFD3



5CB9E8



8EB0ED

# Triad

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



5CB9E8



EC97A9



9CB87B

# Complementary

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



5CB9E8



E8B5C

# 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.



BEAF70



5CB9E8



EA9B8B

# Square

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



5CB9E8



DD9BC9



DAA476



76BE94

# Rectangle

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



5CB9E8



ADA8E7



DAA476



A8B575

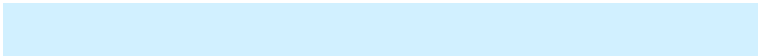


# Sweetspot

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



5CB9E8



D1F0FF



5CE88B



637680



000000



808080



# Same Dimension

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



5CB9E8



47C1FF



5C73E8



676F73



0077B3



002233



# Inverse Universe

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



E85CB9



FF47C1



E8D15C



73676F



B30077

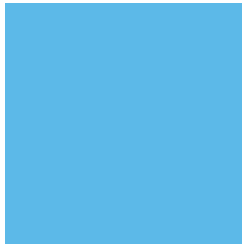


330022



# Previews

## White Background



This preview shows how the Hex color 5CB9E8 looks on a white background.

## Color Contrast Check

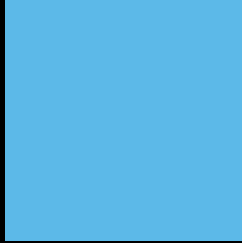
Large Text (above 18pt) WCAG AA × Fail

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 5CB9E8 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

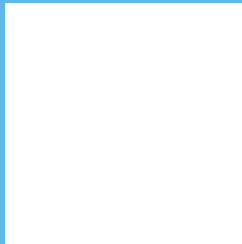
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5CB9E8 Background



This preview shows how black text looks on a background with the Hex color 5CB9E8.

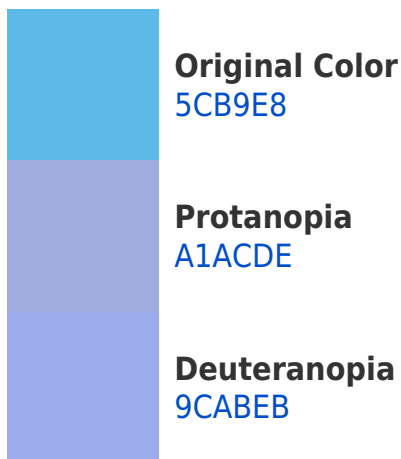


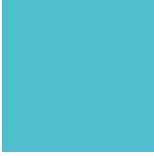
This preview shows how white text looks on a background with the Hex color 5CB9E8.

# 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](#).

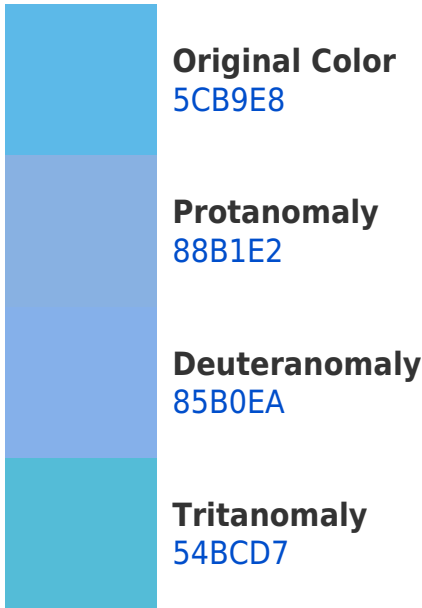
## Dichromacy



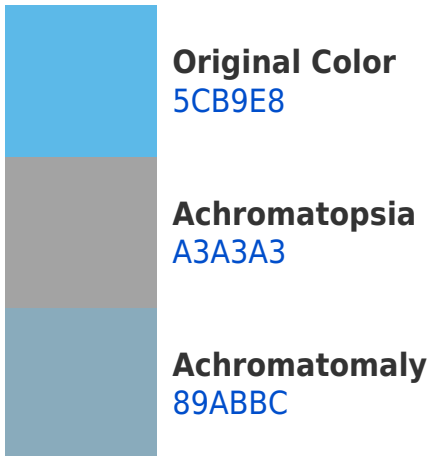


**Tritanopia**  
50BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CB9E8 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 #5CB9E8 looks like.

```
.text, #text, p{  
    color:#5CB9E8  
}
```

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 #5CB9E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB9E8
}
```

## Border

The CSS property to change the border of an element to Hex 5CB9E8 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
#5CB9E8 }
```

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

```
.border{ border-color:#5CB9E8 }
```

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

Here you see how a box with a 4 pixel #5CB9E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB9E8; -webkit-box-shadow:4px 4px  
4px 4px #5CB9E8; box-shadow:4px 4px 4px  
4px #5CB9E8 }
```

# Background

The CSS property to change the background color of an element to Hex 5CB9E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB9E8 }
```

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

```
.background{ background-color:#5CB9E8 }
```

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