

# Converting Colors

Hex(5CC1E7)

Have a look what the booklet for  
Hex(5CC1E7) contains.

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# **Color**

**Hex(5CC1E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5CC1E7
RGB	92, 193, 231
RGB Percent	36%, 76%, 91%
CMY	0.6392, 0.2431, 0.0941
CMYK	0.60, 0.16, 0.00, 0.09
HSL	196°, 74%, 63%
HSV	196°, 60%, 91%
XYZ	37.9074, 46.1848, 82.5179
YIQ	167.1330, -72.3940, -9.5940

# Conversions

## Conversions Part 2

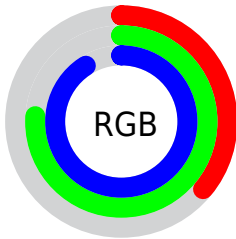
Format	Color
<b>RYB</b>	92, 150, 231
Decimal	6078951
CIELab	73.67, -18.45, -27.75
CIELCh	74, 33.320, 236.388
Yxy	46.1848, 0.2275, 0.2772
Android (android.graphics.Color)	4284269031 (0xFF5CC1E7)
YUV	167.1330, 31.4864, -65.8916
Hunter-Lab	67.9594, -19.3625, -24.4198

# Details

The Hex color **5CC1E7** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **E7825C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **99FAFF**, and **008BAF** is the 20% darker color. If you saturate the color by 10%, you get **45BBE7**, and if you desaturate by 10%, it is **73C7E7**.

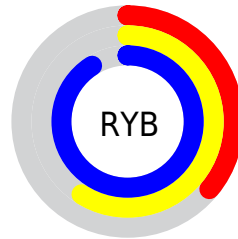
# Distribution



Red (36%)

Green (76%)

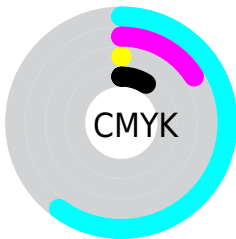
Blue (91%)



Red (36%)

Yellow (59%)

Blue (91%)

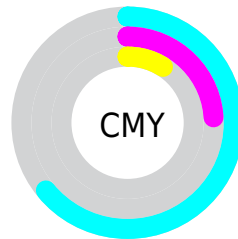


Cyan (60%)

Magenta (16%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (24%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CC1E7 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 5CC1E7 by changing the saturation by 10% instead.



 5CC1E7

 5CC1E7

FFFFFF

 3AA6CB

 99FAFF

 008BAF

 B7FFFF

 007295

 D5FFFF

 00597B

 F3FFFF

 004262

 002B4A

 001833

 00021D

 000000

■ 5CC1E7

■ 5CC1E7

■ 45BBE7

■ 73C7E7

■ 2EB4E7

■ 8ACEE7

■ 17AEE7

■ A1D4E7

■ 00A8E7

■ B8DAE7

■ D0E1E7

■ E7E7E7

■ FEEDE7

■ FFF4E7

■ FFFAE7

# Harmonies

## Analogous

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



4FC5CF



5CC1E7



86B9F1

# Triad

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



5CC1E7



EE9EBA



AEBB7D

# Complementary

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



5CC1E7



E7825C

# 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.



CEB278



5CC1E7



F1A09B

# Square

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



5CC1E7



D8A4D7



E6A783



8BC292

# Rectangle

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



5CC1E7



A5B2EF



E6A783



B9B87A

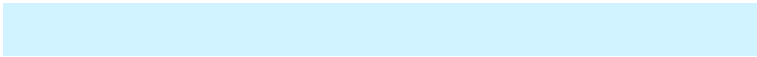


# Sweetspot

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



5CC1E7



D1F2FF



5CE781



637880



000000



808080



# Same Dimension

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



5CC1E7



47CDFE



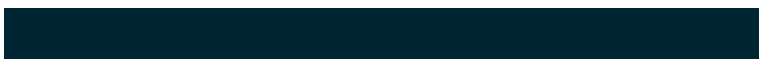
5C7CE7



677073



0082B3



002533



# Inverse Universe

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



E75CC1



FF47CD



E7C75C



736770



B30082

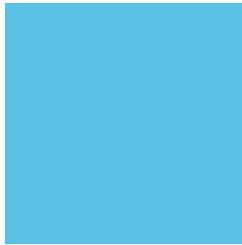


330025



# Previews

## White Background



This preview shows how the Hex color 5CC1E7 looks on a white background.

## Color Contrast Check

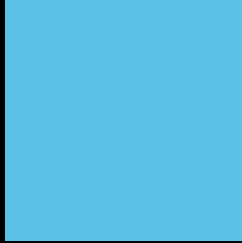
Large Text (above 18pt) WCAG AA × Fail

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 5CC1E7 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 5CC1E7 Background



This preview shows how black text looks on a background with the Hex color 5CC1E7.

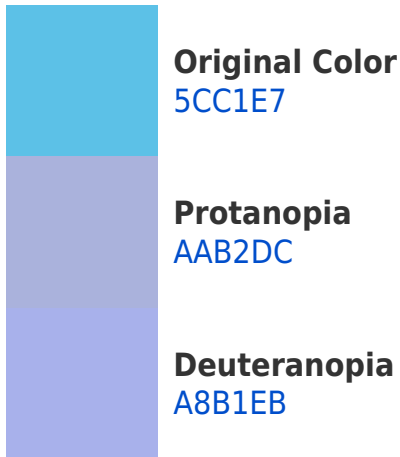


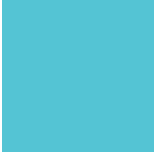
This preview shows how white text looks on a background with the Hex color 5CC1E7.

# 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](#).

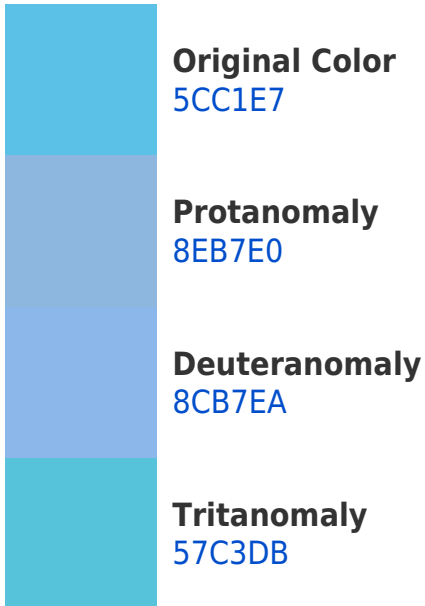
## Dichromacy



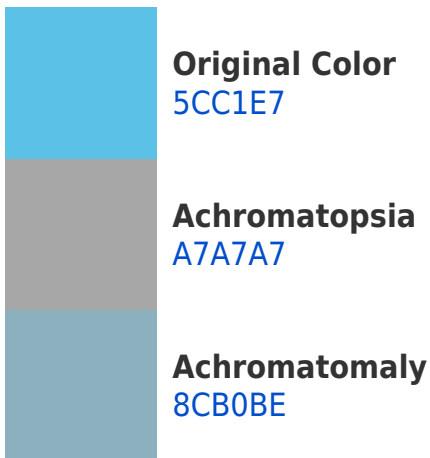


**Tritanopia**  
54C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CC1E7 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 #5CC1E7 looks like.

```
.text, #text, p{  
    color:#5CC1E7  
}
```

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 #5CC1E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC1E7
}
```

## Border

The CSS property to change the border of an element to Hex 5CC1E7 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
#5CC1E7 }
```

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

```
.border{ border-color:#5CC1E7 }
```

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

Here you see how a box with a 4 pixel #5CC1E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC1E7; -webkit-box-shadow:4px 4px  
4px 4px #5CC1E7; box-shadow:4px 4px 4px  
4px #5CC1E7 }
```

# Background

The CSS property to change the background color of an element to Hex 5CC1E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC1E7 }
```

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

```
.background{ background-color:#5CC1E7 }
```

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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