

# Converting Colors

Hex(56C3FB)

Have a look what the booklet for  
Hex(56C3FB) contains.

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# **Color**

**Hex(56C3FB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 56C3FB                      |
| RGB         | 86, 195, 251                |
| RGB Percent | 34%, 76%, 98%               |
| CMY         | 0.6627, 0.2353, 0.0157      |
| CMYK        | 0.66, 0.22, 0.00, 0.02      |
| HSL         | 200°, 95%, 66%              |
| HSV         | 200°, 66%, 98%              |
| XYZ         | 40.7654, 47.9737, 98.3781   |
| YIQ         | 168.7930, -82.9400, -5.6920 |

# Conversions

## Conversions Part 2

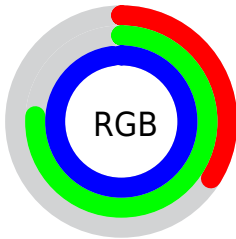
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 86, 152, 251                   |
| Decimal                             | 5686267                        |
| CIE Lab                             | 74.81, -14.35, -36.78          |
| CIE LCh                             | 75, 39.482, 248.694            |
| Yxy                                 | 47.9737, 0.2179,<br>0.2564     |
| Android<br>(android.graphics.Color) | 4283876347<br>(0xFF56C3FB)     |
| YUV                                 | 168.7930, 40.5281,<br>-72.6095 |
| Hunter-Lab                          | 69.2630, -16.1524,<br>-35.7287 |

# Details

The Hex color **56C3FB** 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 **FB8E56**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **97FCFF**, and **008DC2** is the 20% darker color. If you saturate the color by 10%, you get **3DBAFB**, and if you desaturate by 10%, it is **6FCCFB**.

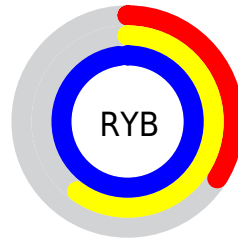
# Distribution



Red (34%)

Green (76%)

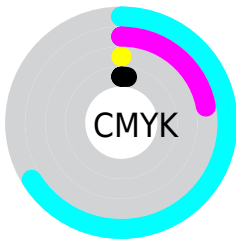
Blue (98%)



Red (34%)

Yellow (60%)

Blue (98%)

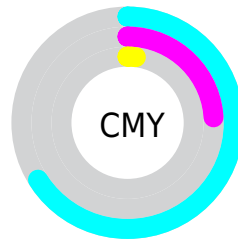


Cyan (66%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (24%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56C3FB 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 56C3FB by changing the saturation by 10% instead.



 56C3FB

 56C3FB

FFFFFF

 2EA8DE

 97FCFF

 008DC2

 B5FFFF

 0074A7

 D4FFFF

 005B8C

 F3FFFF

 004472

 002E5A

 001B42

 00032B

 000116

■ 56C3FB

■ 56C3FB

■ 3DBAFB

■ 6FCCFB

■ 24B2FB

■ 88D4FB

■ 0BA9FB

■ A1DDFB

■ 00A6FB

■ BAE5FB

■ D3EEFB

■ EDF6FB

■ FFFFFB

# Harmonies

## Analogous

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



1FCAE4



56C3FB



95B8FF

# Triad

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



56C3FB



FF9CAF



9EC37E

# Complementary

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



56C3FB



FB8E56

# 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.



C6B96F



56C3FB



FBA18C

# Square

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



56C3FB



EEA0D3



E6AD75



71CA9D

# Rectangle

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



56C3FB



BAAFF8



E6AD75



ACC077

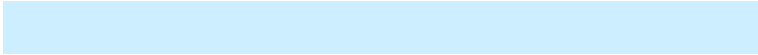


# Sweetspot

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



56C3FB



CCEEFF



56FB8D



617580



000000



808080



# Same Dimension

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



56C3FB



36BBFF



5672FB



70797D



007DBD



00283D



# Inverse Universe

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



FB56C3



FF36BB



FBDF56



7D7079



BD007D

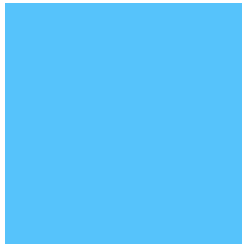


3D0028



# Previews

## White Background



This preview shows how the Hex color 56C3FB looks on a white background.

## Color Contrast Check

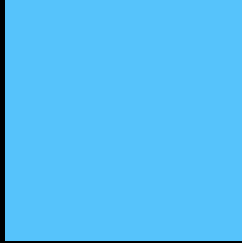
Large Text (above 18pt) WCAG AA × Fail

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 56C3FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

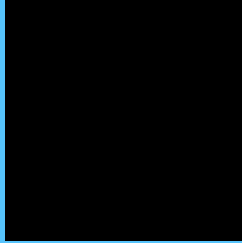
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

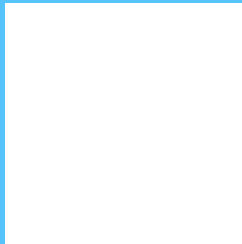
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 56C3FB Background



This preview shows how black text looks on a background with the Hex color 56C3FB.

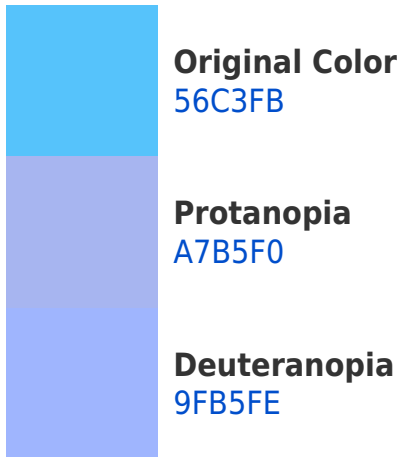


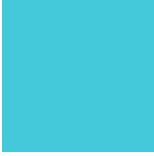
This preview shows how white text looks on a background with the Hex color 56C3FB.

# 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](#).

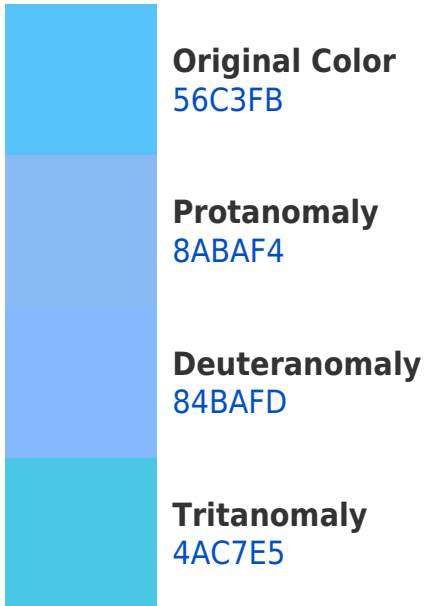
## Dichromacy



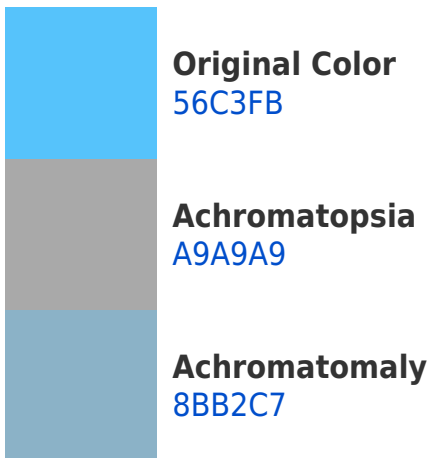


**Tritanopia**  
43C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56C3FB 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 #56C3FB looks like.

```
.text, #text, p{  
    color:#56C3FB  
}
```

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 #56C3FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C3FB
}
```

## Border

The CSS property to change the border of an element to Hex 56C3FB 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
#56C3FB }
```

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

```
.border{ border-color:#56C3FB }
```

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

Here you see how a box with a 4 pixel #56C3FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C3FB; -webkit-box-shadow:4px 4px  
4px 4px #56C3FB; box-shadow:4px 4px 4px  
4px #56C3FB }
```

# Background

The CSS property to change the background color of an element to Hex 56C3FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C3FB }
```

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

```
.background{ background-color:#56C3FB }
```

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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