

# Converting Colors

Hex(5BC4F5)

Have a look what the booklet for  
Hex(5BC4F5) contains.

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# **Color**

**Hex(5BC4F5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5BC4F5
RGB	91, 196, 245
RGB Percent	36%, 77%, 96%
CMY	0.6431, 0.2314, 0.0392
CMYK	0.63, 0.20, 0.00, 0.04
HSL	199°, 89%, 66%
HSV	199°, 63%, 96%
XYZ	40.5357, 48.2966, 93.5719
YIQ	170.1910, -78.3090, -7.0210

# Conversions

## Conversions Part 2

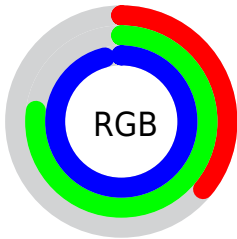
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 153, 245
Decimal	6014197
CIE Lab	75.01, -15.93, -33.23
CIE LCh	75, 36.853, 244.386
Yxy	48.2966, 0.2222, 0.2648
Android (android.graphics.Color)	4284204277 (0xFF5BC4F5)
YUV	170.1910, 36.8808, -69.4505
Hunter-Lab	69.4957, -17.5014, -31.1835

# Details

The Hex color **5BC4F5** 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 **F58C5B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9AFDFF**, and **008EBD** is the 20% darker color. If you saturate the color by 10%, you get **42BCF5**, and if you desaturate by 10%, it is **73CCF5**.

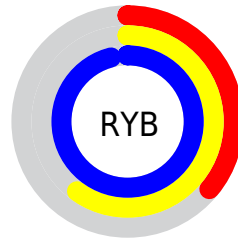
# Distribution



Red (36%)

Green (77%)

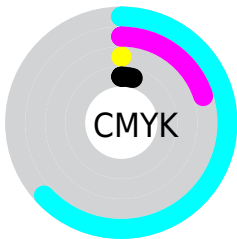
Blue (96%)



Red (36%)

Yellow (60%)

Blue (96%)

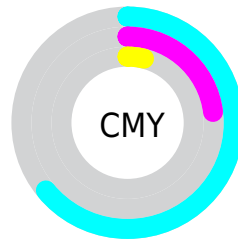


Cyan (63%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (64%)

Magenta (23%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BC4F5 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 5BC4F5 by changing the saturation by 10% instead.



 5BC4F5

 5BC4F5

FFFFFF

 37A9D8

 9AFDF5

 008EBD

 B8FFFF

 0075A1

 D7FFFF

 005C87


 F5FFFF

 00446D

 002E55

 001B3D

 000327

 000111

 5BC4F5


 5BC4F5

 42BCF5

 73CCF5

 2AB4F5

 8CD4F5

 11ADF5

 A4DBF5

 00A7F5

 BDE3F5

 D5EBF5

 EE33F5

 FFFBF5

 FFFFF5

# Harmonies

## Analogous

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



3BCADE



5BC4F5



91BAFC

# Triad

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



5BC4F5



FA9FB5



A6C280

# Complementary

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



5BC4F5



F58C5B

# 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.



CBB874



5BC4F5



F9A294

# Square

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



5BC4F5



E8A3D7



E8AD7C



7EC89A

# Rectangle

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



5BC4F5



B4B2F6



E8AD7C



B3BF7A

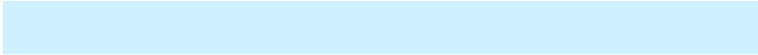


# Sweetspot

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



5BC4F5



CFF0FF



5BF58C



627680



000000



808080



# Same Dimension

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



5BC4F5



40C2FF



5B77F5



6E777A



007FBA



00283B



# Inverse Universe

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



F55BC4



FF40C2



F5D95B



7A6E77



BA007F

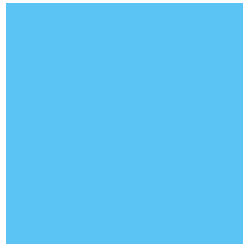


3B0028



# Previews

## White Background



This preview shows how the Hex color 5BC4F5 looks on a white background.

## Color Contrast Check

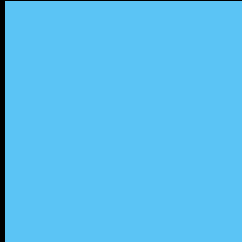
Large Text (above 18pt) WCAG AA × Fail

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 5BC4F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

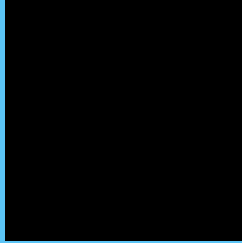
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

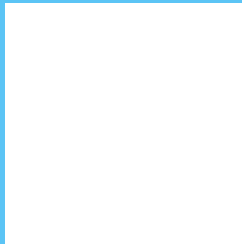
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BC4F5 Background



This preview shows how black text looks on a background with the Hex color 5BC4F5.

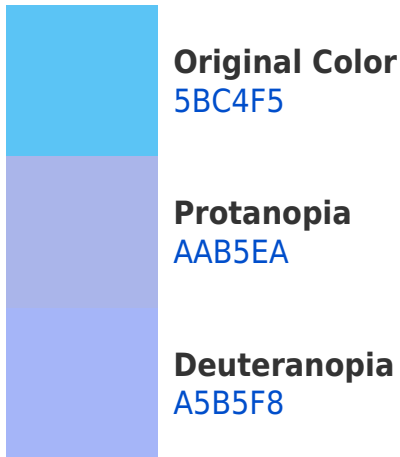


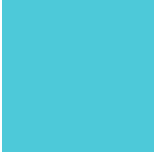
This preview shows how white text looks on a background with the Hex color 5BC4F5.

# 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](#).

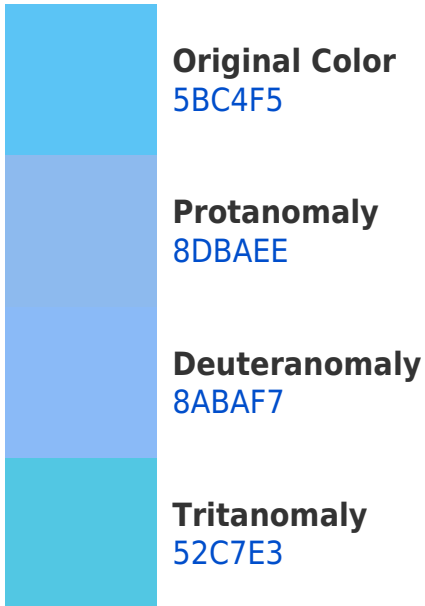
## Dichromacy



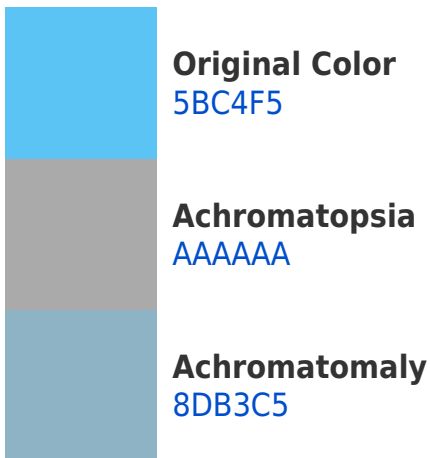


**Tritanopia**  
4DC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BC4F5 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 #5BC4F5 looks like.

```
.text, #text, p{  
    color:#5BC4F5  
}
```

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 #5BC4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC4F5
}
```

## Border

The CSS property to change the border of an element to Hex 5BC4F5 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
#5BC4F5 }
```

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

```
.border{ border-color:#5BC4F5 }
```

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

Here you see how a box with a 4 pixel #5BC4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC4F5; -webkit-box-shadow:4px 4px  
4px 4px #5BC4F5; box-shadow:4px 4px 4px  
4px #5BC4F5 }
```

# Background

The CSS property to change the background color of an element to Hex 5BC4F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC4F5 }
```

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

```
.background{ background-color:#5BC4F5 }
```

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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