

# Converting Colors

Hex(5BCBF5)

Have a look what the booklet for  
Hex(5BCBF5) contains.

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# **Color**

**Hex(5BCBF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BCBF5
RGB	91, 203, 245
RGB Percent	36%, 80%, 96%
CMY	0.6431, 0.2039, 0.0392
CMYK	0.63, 0.17, 0.00, 0.04
HSL	196°, 89%, 66%
HSV	196°, 63%, 96%
XYZ	42.1518, 51.5286, 94.1106
YIQ	174.3000, -80.2340, -10.6820

# Conversions

## Conversions Part 2

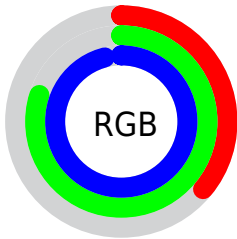
Format	Color
R <sub>YB</sub>	91, 156, 245
Decimal	6015989
CIE <sub>Lab</sub>	77.00, -19.56, -30.17
CIE <sub>LCh</sub>	77, 35.955, 237.047
Yxy	51.5286, 0.2245, 0.2744
Android (android.graphics.Color)	4284206069 (0xFF5BCBF5)
YUV	174.3000, 34.8551, -73.0541
Hunter-Lab	71.7834, -20.8045, -27.4829

# Details

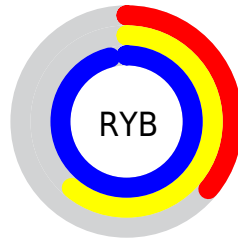
The Hex color **5BCBF5** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **F5855B**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9AFFFF**, and **0095BD** is the 20% darker color. If you saturate the color by 10%, you get **42C4F5**, and if you desaturate by 10%, it is **73D2F5**.

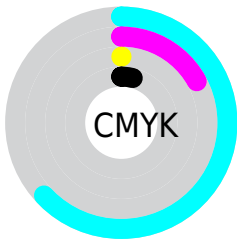
# Distribution



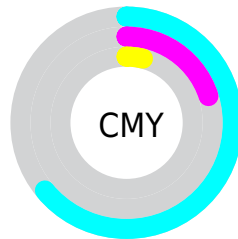
- Red (36%)
- Green (80%)
- Blue (96%)



- Red (36%)
- Yellow (61%)
- Blue (96%)



- Cyan (63%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (20%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BCBF5 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 5BCBF5 by changing the saturation by 10% instead.



 5BCBF5

 5BCBF5

FFFFFF

 36B0D8

 9AFFFF

 0095BD

 B9FFFF

 007BA1

 D7FFFF

 006287

 F6FFFF

 004A6E

 003355

 001F3E

 000328

 000111

 5BCBF5


 5BCBF5

 42C4F5

 73D2F5

 2ABEF5

 8CD8F5

 11B7F5

 A4DFF5

 00B2F5

 BDE6F5

 D5ECF5

 EE33F5

 FFFAF5

 FFFFF5

# Harmonies

## Analogous

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



4BD0DB



5BCBF5



8CC2FF

# Triad

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



5BCBF5



FCA5C3



B6C582

# Complementary

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



5BCBF5



F5855B

# 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.



D8BB7B



5BCBF5



FFA7A1

# Square

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



5BCBF5



E5ABE3



F2B087



8FCC99

# Rectangle

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



5BCBF5



AEBBFD



F2B087



C2C27E

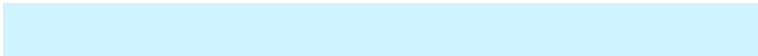


# Sweetspot

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



5BCBF5



CFF2FF



5BF584



627880



000000



808080



# Same Dimension

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



5BCBF5



40CBFF



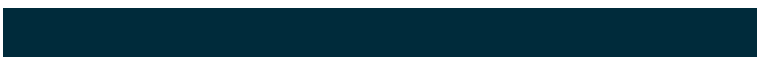
5B7FF5



6E777A



0087BA



002B3B



# Inverse Universe

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



F55BCB



FF40CB



F5D15B



7A6E77



BA0087

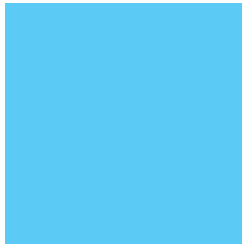


3B002B



# Previews

## White Background



This preview shows how the Hex color 5BCBF5 looks on a white background.

## Color Contrast Check

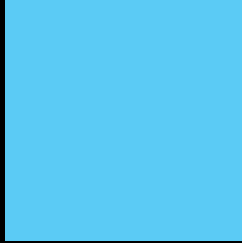
Large Text (above 18pt) WCAG AA × Fail

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 5BCBF5 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 5BCBF5 Background



This preview shows how black text looks on a background with the Hex color 5BCBF5.

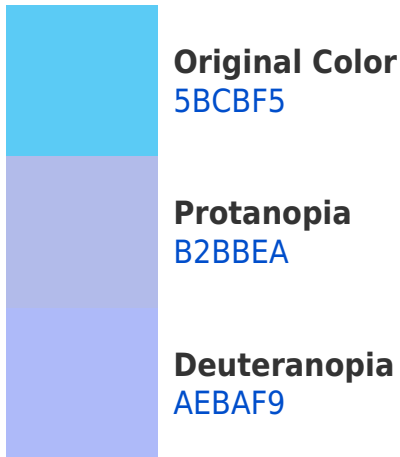


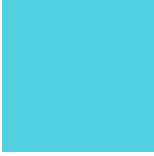
This preview shows how white text looks on a background with the Hex color 5BCBF5.

# Color Blindness Simulation

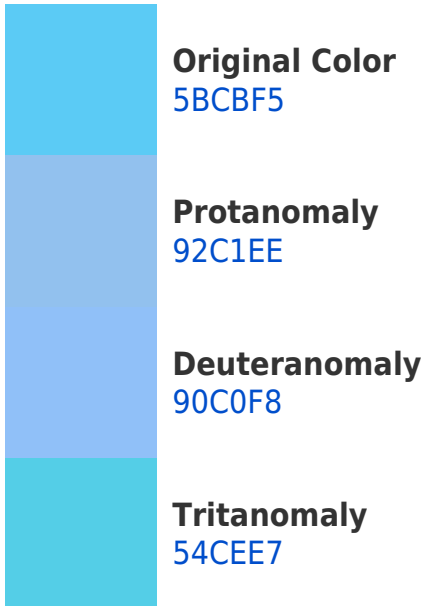
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BCBF5 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 #5BCBF5 looks like.

```
.text, #text, p{  
    color:#5BCBF5  
}
```

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 #5BCBF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BCBF5  
}
```

## Border

The CSS property to change the border of an element to Hex 5BCBF5 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  
#5BCBF5 }
```

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

```
.border{ border-color:#5BCBF5 }
```

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

Here you see how a box with a 4 pixel #5BCBF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BCBF5; -webkit-box-shadow:4px 4px  
4px 4px #5BCBF5; box-shadow:4px 4px 4px  
4px #5BCBF5 }
```

# Background

The CSS property to change the background color of an element to Hex 5BCBF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BCBF5 }
```

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

```
.background{ background-color:#5BCBF5 }
```

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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