

# Converting Colors

Hex(5BD0FA)

Have a look what the booklet for  
Hex(5BD0FA) contains.

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# **Color**

**Hex(5BD0FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BD0FA
RGB	91, 208, 250
RGB Percent	36%, 82%, 98%
CMY	0.6431, 0.1843, 0.0196
CMYK	0.64, 0.17, 0.00, 0.02
HSL	196°, 94%, 67%
HSV	196°, 64%, 98%
XYZ	44.1256, 54.2380, 98.5858
YIQ	177.8050, -83.2140, -11.7420

# Conversions

## Conversions Part 2

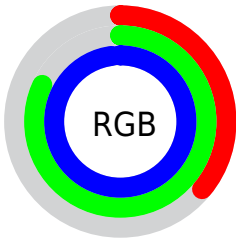
Format	Color
R <sub>Y</sub> B	91, 158, 250
Decimal	6017274
CIE Lab	78.60, -20.60, -30.38
CIE LCh	79, 36.708, 235.857
Yxy	54.2380, 0.2240, 0.2754
Android (android.graphics.Color)	4284207354 (0xFF5BD0FA)
YUV	177.8050, 35.5921, -76.1280
Hunter-Lab	73.6465, -21.9323, -27.8152

# Details

The Hex color **5BD0FA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FA855B**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9BFFFF**, and **0099C1** is the 20% darker color. If you saturate the color by 10%, you get **42C9FA**, and if you desaturate by 10%, it is **74D7FA**.

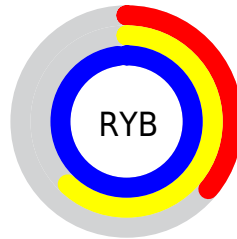
# Distribution



Red (36%)

Green (82%)

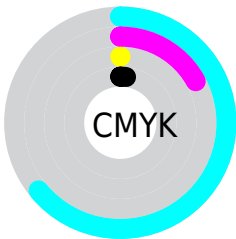
Blue (98%)



Red (36%)

Yellow (62%)

Blue (98%)

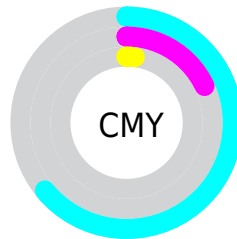


Cyan (64%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (18%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BD0FA 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 5BD0FA by changing the saturation by 10% instead.



 5BD0FA

 5BD0FA

FFFFFF

 35B4DD

 9BFFFF

 0099C1

 BAFFFF

 007FA6

 D8FFFF

 00668C

 F7FFFF

 004E72

 003759

 002242

 00032B

 000116

■ 5BD0FA

■ 5BD0FA

■ 42C9FA

■ 74D7FA

■ 29C3FA

■ 8DDDFa

■ 10BCFA

■ A6E4FA

■ 00B8FA

■ BFEAFA

■ D8F1FA

■ F1F8FA

■ FFFEFA

■ FFFFFA

# Harmonies

## Analogous

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



4CD5DF



5BD0FA



8CC7FF

# Triad

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



5BD0FA



FFA9C9



BBC984

# Complementary

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



5BD0FA



FA855B

# 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.



DEBF7E



5BD0FA



FFAAA6

# Square

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



5BD0FA



E9B0E9



F9B38B



94D19B

# Rectangle

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



5BD0FA



B0C0FF



F9B38B



C8C680

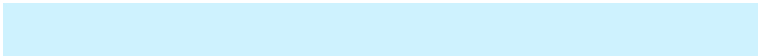


# Sweetspot

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



5BD0FA



CFF2FF



5BFA83



627880



000000



808080



# Same Dimension

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



5BD0FA



3DCCFF



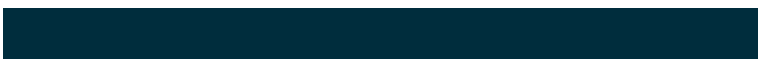
5B83FA



707A7D



008BBD



002D3D



# Inverse Universe

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



FA5BD0



FF3DCC



FAD25B



7D707A



BD008B

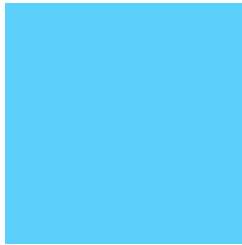


3D002D



# Previews

## White Background



This preview shows how the Hex color 5BD0FA looks on a white background.

## Color Contrast Check

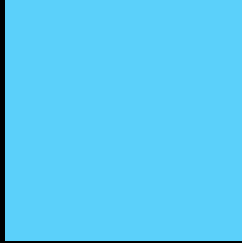
Large Text (above 18pt) WCAG AA × Fail

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 5BD0FA 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 5BD0FA Background



This preview shows how black text looks on a background with the Hex color 5BD0FA.

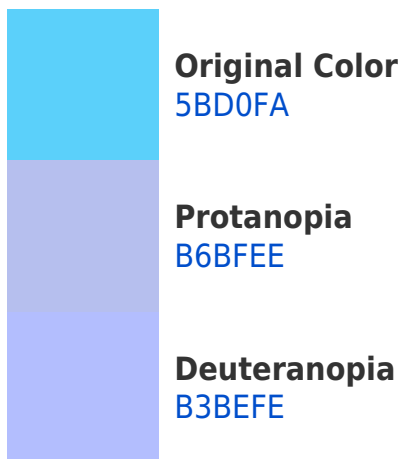


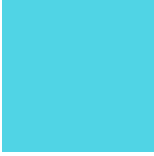
This preview shows how white text looks on a background with the Hex color 5BD0FA.

# 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](#).

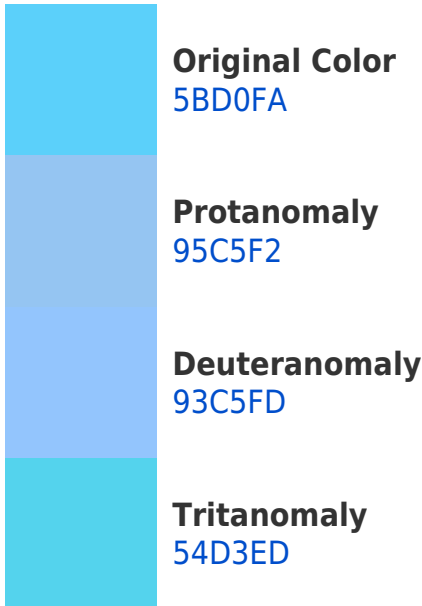
## Dichromacy



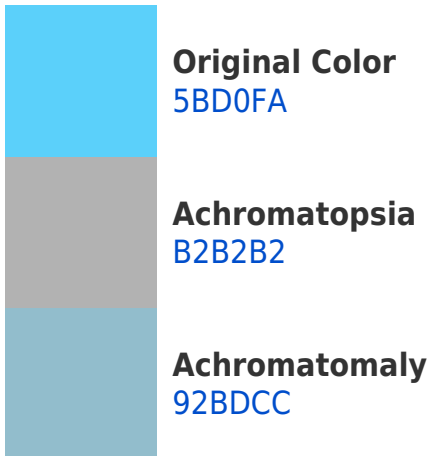


**Tritanopia**  
50D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BD0FA 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 #5BD0FA looks like.

```
.text, #text, p{  
    color:#5BD0FA  
}
```

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 #5BD0FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD0FA
}
```

## Border

The CSS property to change the border of an element to Hex 5BD0FA 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
#5BD0FA }
```

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

```
.border{ border-color:#5BD0FA }
```

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

Here you see how a box with a 4 pixel #5BD0FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD0FA; -webkit-box-shadow:4px 4px  
4px 4px #5BD0FA; box-shadow:4px 4px 4px  
4px #5BD0FA }
```

# Background

The CSS property to change the background color of an element to Hex 5BD0FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD0FA }
```

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

```
.background{ background-color:#5BD0FA }
```

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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