

# Converting Colors

Hex(4AC1FB)

Have a look what the booklet for  
Hex(4AC1FB) contains.

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**Color**

**Hex(4AC1FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AC1FB
RGB	74, 193, 251
RGB Percent	29%, 76%, 98%
CMY	0.7098, 0.2431, 0.0157
CMYK	0.71, 0.23, 0.00, 0.02
HSL	200°, 96%, 64%
HSV	200°, 71%, 98%
XYZ	39.3066, 46.5608, 98.1822
YIQ	164.0310, -89.5420, -7.1900

# Conversions

## Conversions Part 2

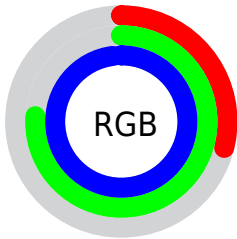
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 145, 251
Decimal	4899323
CIE <sub>Lab</sub>	73.91, -15.02, -38.21
CIE <sub>LCh</sub>	74, 41.053, 248.542
Yxy	46.5608, 0.2136, 0.2530
Android (android.graphics.Color)	4283089403 (0xFF4AC1FB)
YUV	164.0310, 42.8757, -78.9572
Hunter-Lab	68.2355, -16.5884, -37.5460

# Details

The Hex color **4AC1FB** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **FB844A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8EF9FF**, and **008CC2** is the 20% darker color. If you saturate the color by 10%, you get **31B9FB**, and if you desaturate by 10%, it is **63C9FB**.

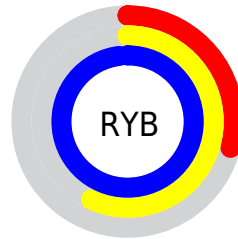
# Distribution



Red (29%)

Green (76%)

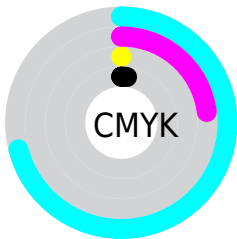
Blue (98%)



Red (29%)

Yellow (57%)

Blue (98%)

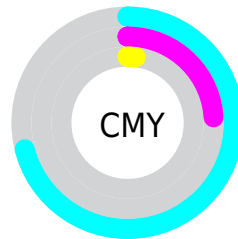


Cyan (71%)

Magenta (23%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (24%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AC1FB 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 4AC1FB by changing the saturation by 10% instead.



 4AC1FB

 4AC1FB

FFFFFF

 17A6DE

 8EF9FF

 008CC2

 ADFFFF

 0072A7

 CCFFFF

 005A8C

 EBFFFF

 004272

 002C5A

 001942

 00032B

 000115

 4AC1FB

 4AC1FB

 31B9FB

 63C9FB

 18B1FB

 7CD1FB

 00A9FB

 95DAFB

 AEE2FB

 C7EAFB

 E1F2FB

 FAFBFB

 FFFFFB

# Harmonies

## Analogous

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



00C8E3



4AC1FB



90B6FF

# Triad

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



4AC1FB



FE98AC



9BC179

# Complementary

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



4AC1FB



FB844A

# 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.



C4B76A



4AC1FB



FA9E89

# Square

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



4AC1FB



EE9CD2



E5AA70



6BC899

# Rectangle

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



4AC1FB



B7ADF8



E5AA70



A9BE72

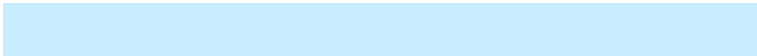


# Sweetspot

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



4AC1FB



C9EDFF



4AFB82



607580



000000



808080



# Same Dimension

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



4AC1FB



26B8FF



4A6AFB



70797D



007FBD



00293D



# Inverse Universe

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



FB4AC1



FF26B8



FBDB4A



7D7079



BD007F

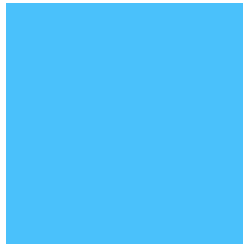


3D0029



# Previews

## White Background



This preview shows how the Hex color 4AC1FB looks on a white background.

## Color Contrast Check

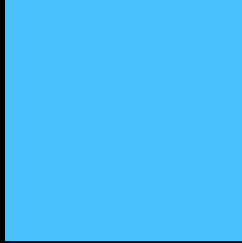
Large Text (above 18pt) WCAG AA × Fail

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 4AC1FB 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

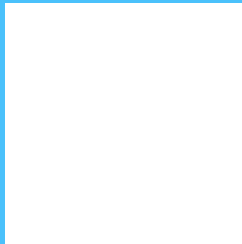
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4AC1FB Background



This preview shows how black text looks on a background with the Hex color 4AC1FB.

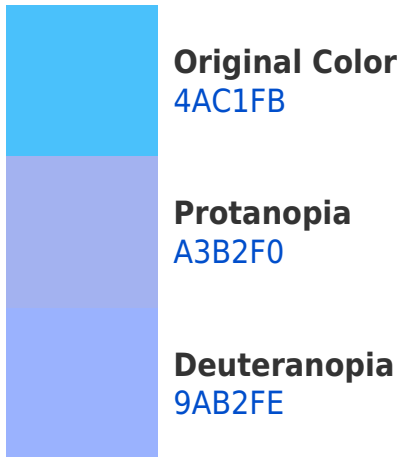


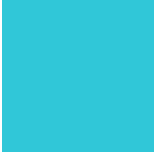
This preview shows how white text looks on a background with the Hex color 4AC1FB.

# 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](#).

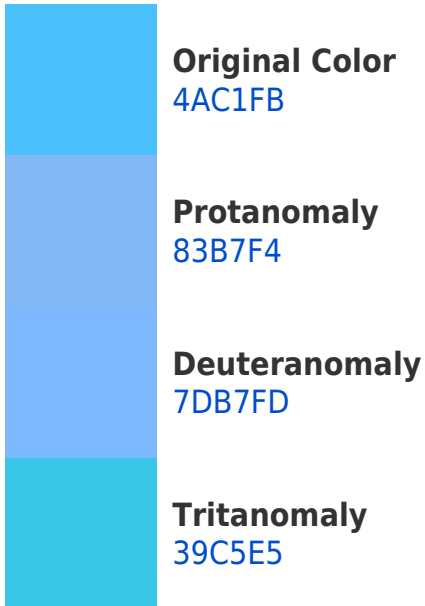
## Dichromacy



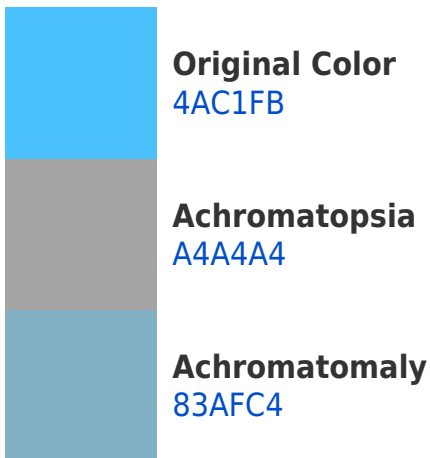


**Tritanopia**  
30C7D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AC1FB 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 #4AC1FB looks like.

```
.text, #text, p{  
    color:#4AC1FB  
}
```

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 #4AC1FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC1FB  
}
```

## Border

The CSS property to change the border of an element to Hex 4AC1FB 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  
#4AC1FB }
```

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

```
.border{ border-color:#4AC1FB }
```

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

Here you see how a box with a 4 pixel #4AC1FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC1FB; -webkit-box-shadow:4px 4px  
4px 4px #4AC1FB; box-shadow:4px 4px 4px  
4px #4AC1FB }
```

# Background

The CSS property to change the background color of an element to Hex 4AC1FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC1FB }
```

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

```
.background{ background-color:#4AC1FB }
```

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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