

# Converting Colors

Hex(49CBFB)

Have a look what the booklet for  
Hex(49CBFB) contains.

<b>Hex(49CBFB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(49CBFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49CBFB
RGB	73, 203, 251
RGB Percent	29%, 80%, 98%
CMY	0.7137, 0.2039, 0.0157
CMYK	0.71, 0.19, 0.00, 0.02
HSL	196°, 96%, 64%
HSV	196°, 71%, 98%
XYZ	41.5162, 51.0934, 98.9407
YIQ	169.6020, -92.8880, -12.6320

# Conversions

## Conversions Part 2

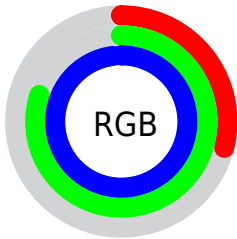
Format	Color
<a href="#">RYB</a>	<a href="#">73, 148, 251</a>
Decimal	<a href="#">4836347</a>
CIELab	<a href="#">76.74, -20.35, -33.83</a>
CIELCh	<a href="#">77, 39.479, 238.968</a>
Yxy	<a href="#">51.0934, 0.2167, 0.2667</a>
Android (android.graphics.Color)	<a href="#">4283026427 (0xFF49CBFB)</a>
YUV	<a href="#">169.6020, 40.1292, -84.7200</a>
Hunter-Lab	<a href="#">71.4796, -21.4145, -32.0323</a>

# Details

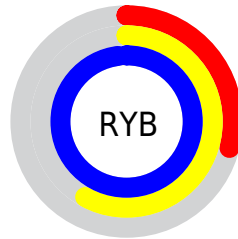
The Hex color **49CBFB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FB7949**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8EFFFF**, and **0095C2** is the 20% darker color. If you saturate the color by 10%, you get **30C4FB**, and if you desaturate by 10%, it is **62D2FB**.

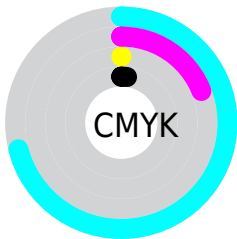
# Distribution



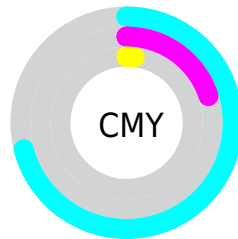
- Red (29%)
- Green (80%)
- Blue (98%)



- Red (29%)
- Yellow (58%)
- Blue (98%)



- Cyan (71%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (71%)
- Magenta (20%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49CBFB 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 49CBFB by changing the saturation by 10% instead.



 49CBFB

 49CBFB

FFFFFF

 12B0DE

 8EFFFF

 0095C2

 ADFFFF

 007BA7

 CCFFFF

 00628C

 ECFFFF

 004A73

 00335A

 002042

 00032C

 000116

■ 49CBFB

■ 49CBFB

■ 30C4FB

■ 62D2FB

■ 17BDFB

■ 7BD9FB

■ 00B7FB

■ 94DFFB

■ ADE6FB

■ C6EDFB

■ E0F4FB

■ F9FAFB

■ FFFFFB

# Harmonies

## Analogous

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



2CD0DF



49CBFB



87C1FF

# Triad

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



49CBFB



FFA1C0



B1C67C

# Complementary

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



49CBFB



FB7949

# 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.



D7BB74



49CBFB



FFA49C

# Square

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



49CBFB



EAA8E4



F4AE80



86CD97

# Rectangle

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



49CBFB



AEB9FF



F4AE80



BEC277

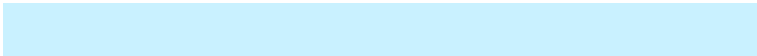


# Sweetspot

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



49CBFB



C9F1FF



49FB78



607780



000000



808080



# Same Dimension

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



49CBFB



26C5FF



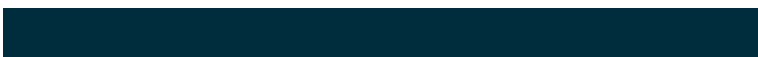
4973FB



707A7D



008ABD



002D3D



# Inverse Universe

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



FB49CB



FF26C5



FBD149



7D707A



BD008A

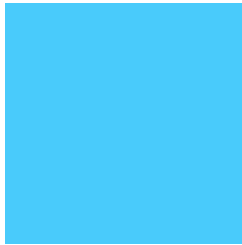


3D002D



# Previews

## White Background



This preview shows how the Hex color 49CBFB looks on a white background.

## Color Contrast Check

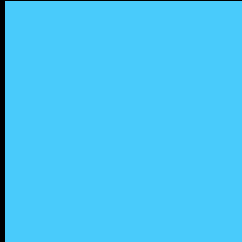
Large Text (above 18pt) WCAG AA × Fail

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 49CBFB 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 49CBFB Background



This preview shows how black text looks on a background with the Hex color 49CBFB.

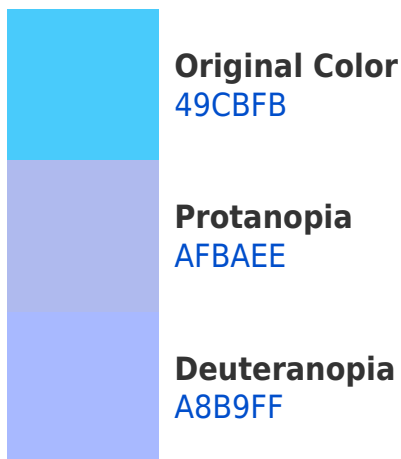


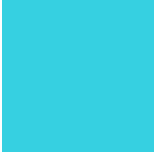
This preview shows how white text looks on a background with the Hex color 49CBFB.

# 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



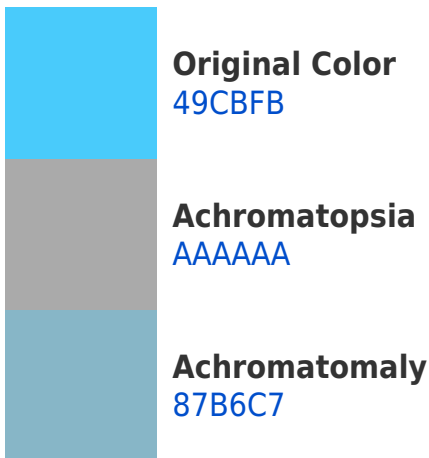


**Tritanopia**  
36D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49CBFB 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 #49CBFB looks like.

```
.text, #text, p{  
  color:#49CBFB  
}
```

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 #49CBFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49CBFB
}
```

## Border

The CSS property to change the border of an element to Hex 49CBFB 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
#49CBFB }
```

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

```
.border{ border-color:#49CBFB }
```

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

Here you see how a box with a 4 pixel #49CBFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49CBFB; -webkit-box-shadow:4px 4px  
4px 4px #49CBFB; box-shadow:4px 4px 4px  
4px #49CBFB }
```

# Background

The CSS property to change the background color of an element to Hex 49CBFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49CBFB }
```

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

```
.background{ background-color:#49CBFB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor