

# Converting Colors

Hex(4C9BFC)

Have a look what the booklet for  
Hex(4C9BFC) contains.

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# **Color**

**Hex(4C9BFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C9BFC
RGB	76, 155, 252
RGB Percent	30%, 61%, 99%
CMY	0.7020, 0.3922, 0.0118
CMYK	0.70, 0.38, 0.00, 0.01
HSL	213°, 97%, 64%
HSV	213°, 70%, 99%
XYZ	32.2725, 32.0075, 96.5726
YIQ	142.4370, -78.2210, 13.4190

# Conversions

## Conversions Part 2

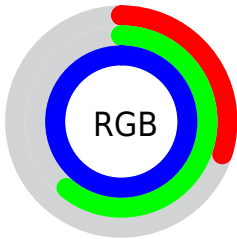
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">76, 131, 252</a>
Decimal	<a href="#">5020668</a>
CIELab	<a href="#">63.35, 6.80, -55.35</a>
CIELCh	<a href="#">63, 55.766, 277.002</a>
Yxy	<a href="#">32.0075, 0.2006, 0.1990</a>
Android (android.graphics.Color)	<a href="#">4283210748 (0xFF4C9BFC)</a>
YUV	<a href="#">142.4370, 54.0146, -58.2652</a>
Hunter-Lab	<a href="#">56.5751, 2.8164, -61.6042</a>

# Details

The Hex color **4C9BFC** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FCAD4C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8FD1FF**, and **0069C3** is the 20% darker color. If you saturate the color by 10%, you get **338DFC**, and if you desaturate by 10%, it is **65A9FC**.

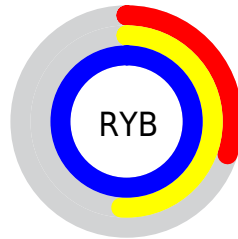
# Distribution



Red (30%)

Green (61%)

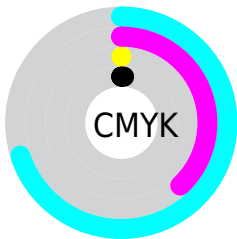
Blue (99%)



Red (30%)

Yellow (51%)

Blue (99%)

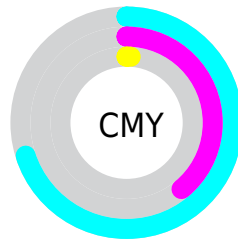


Cyan (70%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (39%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C9BFC 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 4C9BFC by changing the saturation by 10% instead.



 4C9BFC

 4C9BFC

FFFFFF

 1D81DF

 8FD1FF

 0069C3

 AEEDFF

 0051A7

 CCFFFF

 003B8C

 EBFFFF

 002672

 001259

 000741

 00032A

 000114

■ 4C9BFC

■ 4C9BFC

■ 338DFC

■ 65A9FC

■ 1A7FFC

■ 7EB7FC

■ 0071FC

■ 98C5FC

■ B1D3FC

■ CAE0FC

■ E3EEFC

■ FCFFCF

FFFFFC

# Harmonies

## Analogous

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



00A9F4



4C9BFC



AB87E9

# Triad

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



4C9BFC



EE7660



19AF71

# Complementary

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



4C9BFC



FCAD4C

# 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.



75A745



4C9BFC



D3893C

# Square

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



4C9BFC



F46C90



AA9B2F



00B2A4

# Rectangle

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



4C9BFC



D17AD0



AA9B2F



45AD61



# Sweetspot

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



4C9BFC



C9E1FF



4CFCAD



606E80



000000



808080



# Same Dimension

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



4C9BFC



2989FF



554CFC



70767D



0055BD



001B3D



# Inverse Universe

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



FC4C9B



FF2989



F3FC4C



7D7076



BD0055

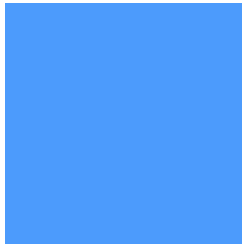


3D001B



# Previews

## White Background



This preview shows how the Hex color 4C9BFC looks on a white background.

## Color Contrast Check

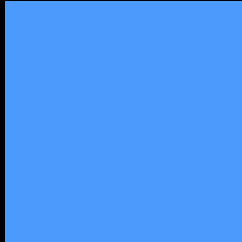
Large Text (above 18pt) WCAG AA × Fail

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 4C9BFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

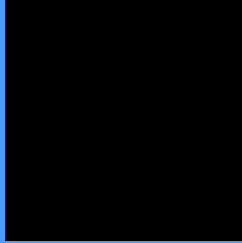
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

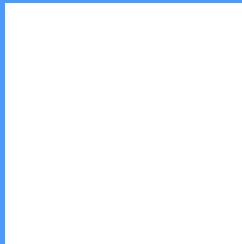
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C9BFC Background



This preview shows how black text looks on a background with the Hex color 4C9BFC.



This preview shows how white text looks on a background with the Hex color 4C9BFC.

# 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](#).

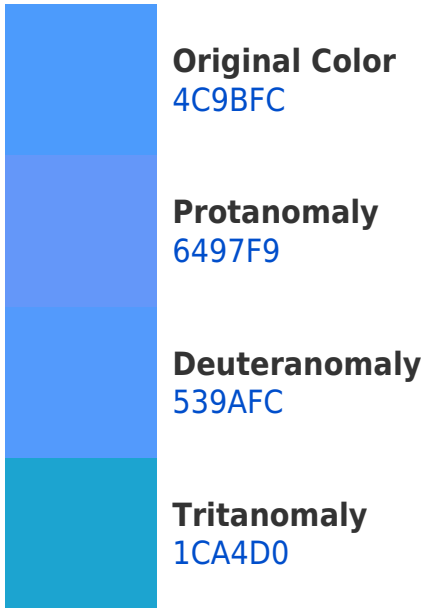
## Dichromacy





**Tritanopia**  
00A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C9BFC 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 #4C9BFC looks like.

```
.text, #text, p{  
    color:#4C9BFC  
}
```

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 #4C9BFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9BFC
}
```

## Border

The CSS property to change the border of an element to Hex 4C9BFC 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
#4C9BFC }
```

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

```
.border{ border-color:#4C9BFC }
```

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

Here you see how a box with a 4 pixel #4C9BFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9BFC; -webkit-box-shadow:4px 4px  
4px 4px #4C9BFC; box-shadow:4px 4px 4px  
4px #4C9BFC }
```

# Background

The CSS property to change the background color of an element to Hex 4C9BFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9BFC }
```

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

```
.background{ background-color:#4C9BFC }
```

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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