

# Converting Colors

Hex(4C97FE)

Have a look what the booklet for  
Hex(4C97FE) contains.

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# **Color**

**Hex(4C97FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C97FE
RGB	76, 151, 254
RGB Percent	30%, 59%, 100%
CMY	0.7020, 0.4078, 0.0039
CMYK	0.70, 0.41, 0.00, 0.00
HSL	215°, 99%, 65%
HSV	215°, 70%, 100%
XYZ	31.9365, 30.8255, 98.0326
YIQ	140.3170, -77.7630, 16.1330

# Conversions

## Conversions Part 2

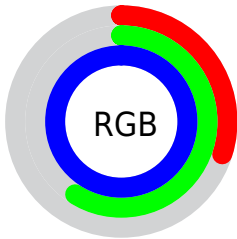
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	76, 129, 254
Decimal	5019646
CIE Lab	62.36, 9.85, -58.02
CIE LCh	62, 58.849, 279.632
Yxy	30.8255, 0.1986, 0.1917
Android (android.graphics.Color)	4283209726 (0xFF4C97FE)
YUV	140.3170, 56.0457, -56.4060
Hunter-Lab	55.5207, 5.5152, -65.8236

# Details

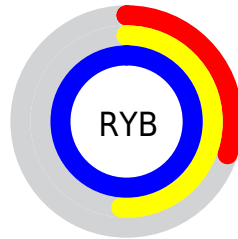
The Hex color **4C97FE** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FEB34C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8FCDFE**, and **0065C5** is the 20% darker color. If you saturate the color by 10%, you get **3388FE**, and if you desaturate by 10%, it is **65A6FE**.

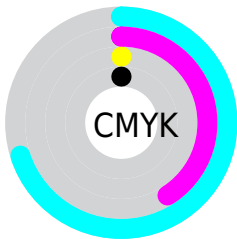
# Distribution



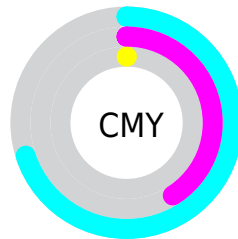
- Red (30%)
- Green (59%)
- Blue (100%)



- Red (30%)
- Yellow (51%)
- Blue (100%)



- Cyan (70%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (41%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C97FE 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 4C97FE by changing the saturation by 10% instead.



 4C97FE

 4C97FE

FFFFFF

 1C7DE1

 8FCDFE

 0065C5

 AEE9FF

 004EA9

 CDFFFF

 00388E

 ECFFFF

 002474

 000E5B

 000742

 00032B

 000115

■ 4C97FE

■ 4C97FE

■ 3388FE

■ 65A6FE

■ 197AFE

■ 7FB4FE

■ 006BFE

■ 98C3FE

■ B2D2FE

■ CBE0FE

■ E4EFFE

■ FEFEFE

■ FFFFFE

# Harmonies

## Analogous

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



00A6F8



4C97FE



AF82E8

# Triad

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



4C97FE



ED7257



00AD70

# Complementary

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



4C97FE



FEB34C

# 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.



6AA641



4C97FE



CF8730

# Square

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



4C97FE



F66688



A39A24



00B0A7

# Rectangle

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



4C97FE



D573CC



A39A24



30AC5F



# Sweetspot

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



4C97FE



C9E0FF



4CFEB1



606D80



000000

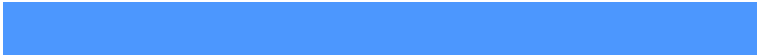


808080



# Same Dimension

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



4C97FE



2983FF



584CFE



737880



0051BF



001B40



# Inverse Universe

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



FE4C97



FF2983



F2FE4C



807378



BF0051



40001B



# Previews

## White Background



This preview shows how the Hex color 4C97FE looks on a white background.

## Color Contrast Check

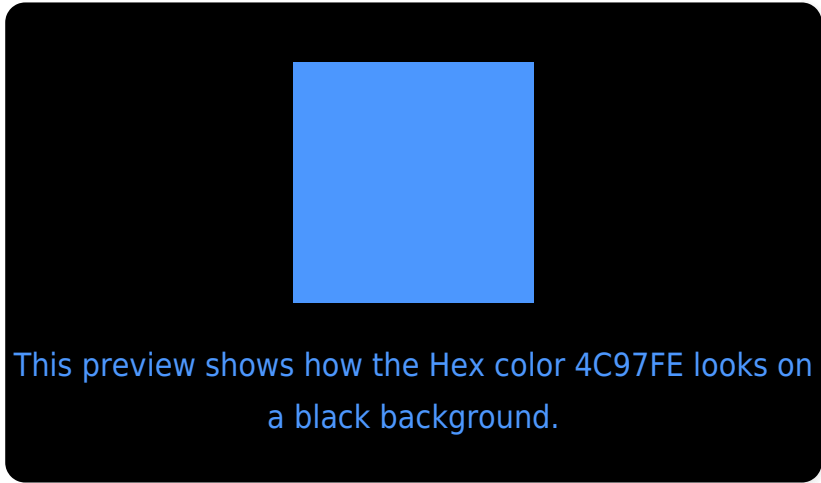
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

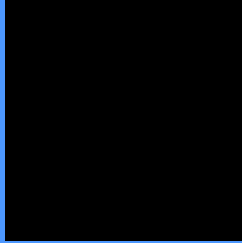
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

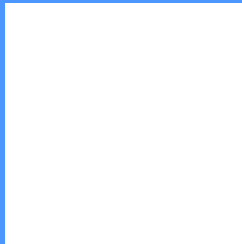
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C97FE Background



This preview shows how black text looks on a background with the Hex color 4C97FE.



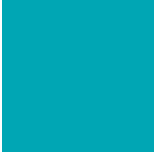
This preview shows how white text looks on a background with the Hex color 4C97FE.

# 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](#).

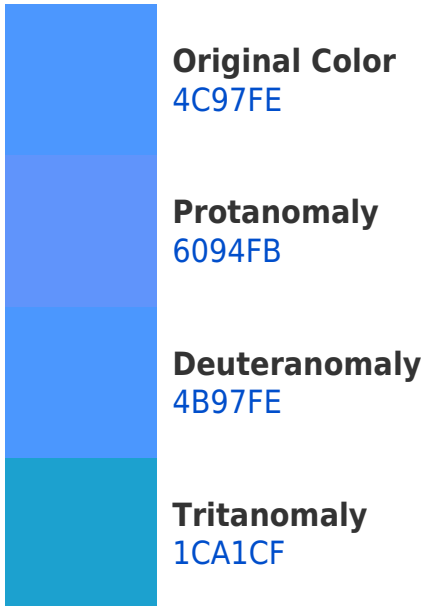
## Dichromacy



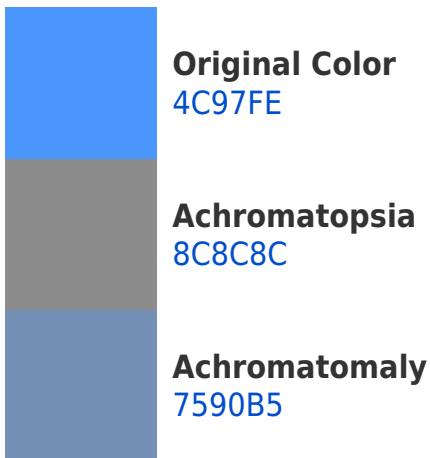


**Tritanopia**  
00A6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C97FE 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 #4C97FE looks like.

```
.text, #text, p{  
    color:#4C97FE  
}
```

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 #4C97FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C97FE
}
```

## Border

The CSS property to change the border of an element to Hex 4C97FE 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
#4C97FE }
```

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

```
.border{ border-color:#4C97FE }
```

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

Here you see how a box with a 4 pixel #4C97FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C97FE; -webkit-box-shadow:4px 4px  
4px 4px #4C97FE; box-shadow:4px 4px 4px  
4px #4C97FE }
```

# Background

The CSS property to change the background color of an element to Hex 4C97FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C97FE }
```

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

```
.background{ background-color:#4C97FE }
```

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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