

Converting Colors

Hex(4C9CF9)

Have a look what the booklet for
Hex(4C9CF9) contains.

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Color

Hex(4C9CF9)

Conversions

Conversions Part 1

Format	Color
Hex	4C9CF9
RGB	76, 156, 249
RGB Percent	30%, 61%, 98%
CMY	0.7020, 0.3882, 0.0235
CMYK	0.69, 0.37, 0.00, 0.02
HSL	212°, 94%, 64%
HSV	212°, 69%, 98%
XYZ	31.9678, 32.1530, 94.1438
YIQ	142.6820, -77.5330, 11.9630

Conversions

Conversions Part 2

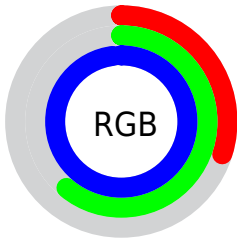
Format	Color
R_{YB}	76, 131, 249
Decimal	5020921
CIE _{Lab}	63.47, 5.18, -53.52
CIE _{LCh}	63, 53.769, 275.528
Yxy	32.1530, 0.2020, 0.2032
Android (android.graphics.Color)	4283211001 (0xFF4C9CF9)
YUV	142.6820, 52.4148, -58.4801
Hunter-Lab	56.7036, 1.4018, -58.7454

Details

The Hex color **4C9CF9** 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 **F9A94C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **8ED2FF**, and **0069C0** is the 20% darker color. If you saturate the color by 10%, you get **338FF9**, and if you desaturate by 10%, it is **65A9F9**.

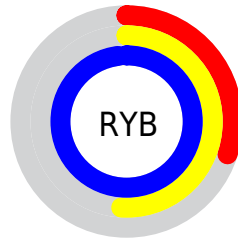
Distribution



Red (30%)

Green (61%)

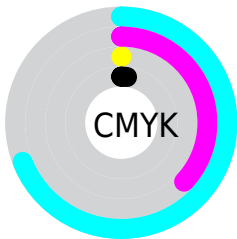
Blue (98%)



Red (30%)

Yellow (51%)

Blue (98%)

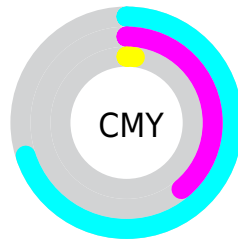


Cyan (69%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (70%)

Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4C9CF9 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 4C9CF9 by changing the saturation by 10% instead.

 4C9CF9

 4C9CF9

FFFFFF

 1E82DC

 8ED2FF

 0069C0

 ADEEFF

 0052A4

 CCFFFF

 003B8A


 EBFFFF

 002770

 001257

 00063F

 000328

 000111

■ 4C9CF9

■ 4C9CF9

■ 338FF9

■ 65A9F9

■ 1A81F9

■ 7EB7F9

■ 0174F9

■ 97C4F9

■ 0073F9

■ B0D2F9

■ C9DFF9

■ E1ECF9

■ FAFAF9

■ FFFFF9

Harmonies

Analogous

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



00A9F0



4C9CF9



A889E8

Triad

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



4C9CF9



ED7765



2EAE70

Complementary

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



4C9CF9



F9A94C

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.



7AA747



4C9CF9



D48941

Square

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



4C9CF9



F16F93



AC9A34



00B1A1

Rectangle

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



4C9CF9



CD7CD1



AC9A34



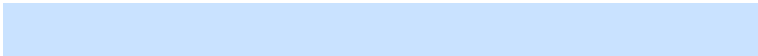
4EAC61

Sweetspot

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



4C9CF9



C9E2FF



4CF9A8



606E80



000000



808080

Same Dimension

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



4C9CF9



2B8DFE



524CF9



70767D



0057BD



001C3D

Inverse Universe

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



F94C9C



FF2B8D



F3F94C



7D7076



BD0057



3D001C

Previews

White Background



This preview shows how the Hex color 4C9CF9 looks on a white background.

Color Contrast Check

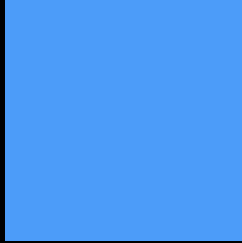
Large Text (above 18pt) WCAG AA × Fail

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 4C9CF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

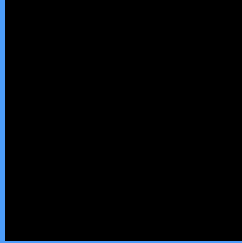
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

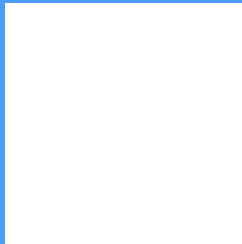
Any Text WCAG AAA ✓ Pass

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

Hex 4C9CF9 Background



This preview shows how black text looks on a background with the Hex color 4C9CF9.

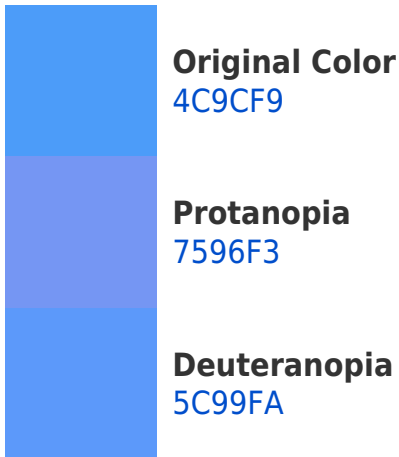


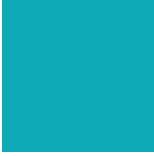
This preview shows how white text looks on a background with the Hex color 4C9CF9.

Color Blindness Simulation

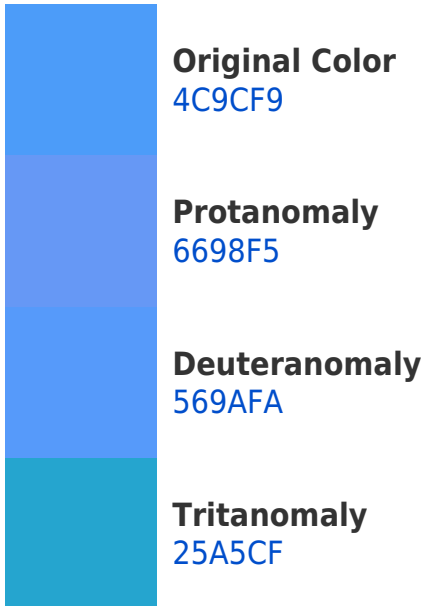
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

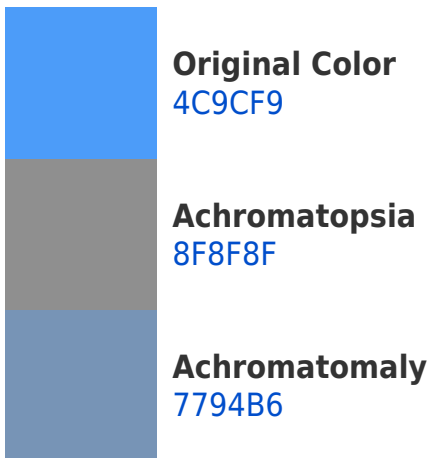




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9CF9 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 #4C9CF9 looks like.

```
.text, #text, p{  
    color:#4C9CF9  
}
```

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 #4C9CF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9CF9
}
```

Border

The CSS property to change the border of an element to Hex 4C9CF9 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
#4C9CF9 }
```

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

```
.border{ border-color:#4C9CF9 }
```

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

Here you see how a box with a 4 pixel #4C9CF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9CF9; -webkit-box-shadow:4px 4px  
4px 4px #4C9CF9; box-shadow:4px 4px 4px  
4px #4C9CF9 }
```

Background

The CSS property to change the background color of an element to Hex 4C9CF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9CF9 }
```

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

```
.background{ background-color:#4C9CF9 }
```

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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