

Converting Colors

Hex(4C95FB)

Have a look what the booklet for
Hex(4C95FB) contains.

Hex(4C95FB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C95FB)

Conversions

Conversions Part 1

Format	Color
Hex	4C95FB
RGB	76, 149, 251
RGB Percent	30%, 58%, 98%
CMY	0.7020, 0.4157, 0.0157
CMYK	0.70, 0.41, 0.00, 0.02
HSL	215°, 96%, 64%
HSV	215°, 70%, 98%
XYZ	31.1405, 29.9964, 95.4154
YIQ	138.8010, -76.2500, 16.2460

Conversions

Conversions Part 2

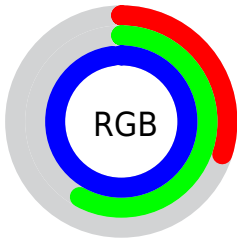
Format	Color
R _Y B	76, 128, 251
Decimal	5019131
CIE Lab	61.65, 9.99, -57.51
CIE LCh	62, 58.369, 279.855
Yxy	29.9964, 0.1989, 0.1916
Android (android.graphics.Color)	4283209211 (0xFF4C95FB)
YUV	138.8010, 55.3141, -55.0765
Hunter-Lab	54.7690, 5.6457, -64.9533

Details

The Hex color **4C95FB** 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 **FBB24C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8ECBFF**, and **0063C2** is the 20% darker color. If you saturate the color by 10%, you get **3386FB**, and if you desaturate by 10%, it is **65A4FB**.

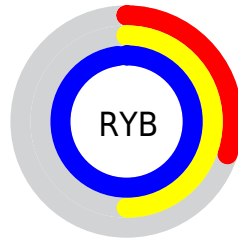
Distribution



Red (30%)

Green (58%)

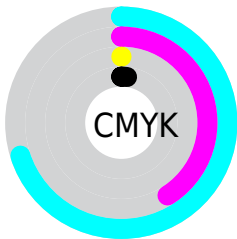
Blue (98%)



Red (30%)

Yellow (50%)

Blue (98%)

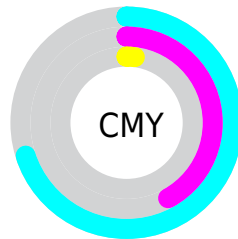


Cyan (70%)

Magenta (41%)

Yellow (0%)

Black (2%)



Cyan (70%)

Magenta (42%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C95FB 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 4C95FB by changing the saturation by 10% instead.

 4C95FB

 4C95FB

FFFFFF

 1D7CDE

 8ECBFF

 0063C2

 ADE7FF

 004CA6

 CCFFFF

 00368B

 EBFFFF

 002271

 000B58

 000740

 000329

 000113

■ 4C95FB

■ 4C95FB

■ 3386FB

■ 65A4FB

■ 1A78FB

■ 7EB2FB

■ 0169FB

■ 97C1FB

■ 0069FB

■ B0D0FB

■ C9DEFB

■ E3EDFB

■ FCFBFB

■ FFFFFB

Harmonies

Analogous

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



00A4F6



4C95FB



AE80E5

Triad

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



4C95FB



EA7155



00AB6F

Complementary

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



4C95FB



FBB24C

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.



68A440



4C95FB



CC852F

Square

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



4C95FB



F36586



A09824



00AEA5

Rectangle

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



4C95FB



D371CA



A09824



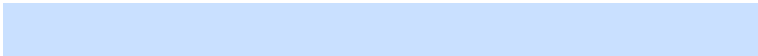
2EAA5E

Sweetspot

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



4C95FB



C9E0FF



4CFBAF



606D80



000000



808080

Same Dimension

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



4C95FB



2982FF



584CFB



70767D



004FBD



001A3D

Inverse Universe

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



FB4C95



FF2982



FFFB4C



7D7076



BD004F



3D001A

Previews

White Background



This preview shows how the Hex color 4C95FB looks on a white background.

Color Contrast Check

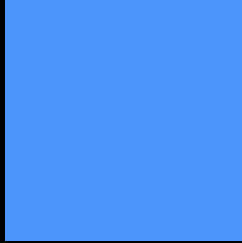
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C95FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

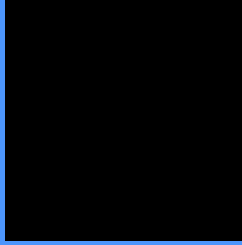
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

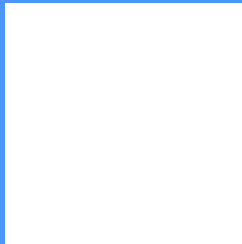
Any Text WCAG AAA ✓ Pass

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

Hex 4C95FB Background



This preview shows how black text looks on a background with the Hex color 4C95FB.



This preview shows how white text looks on a background with the Hex color 4C95FB.

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](#).

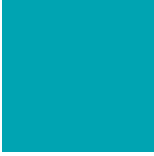
Dichromacy



Original Color
4C95FB

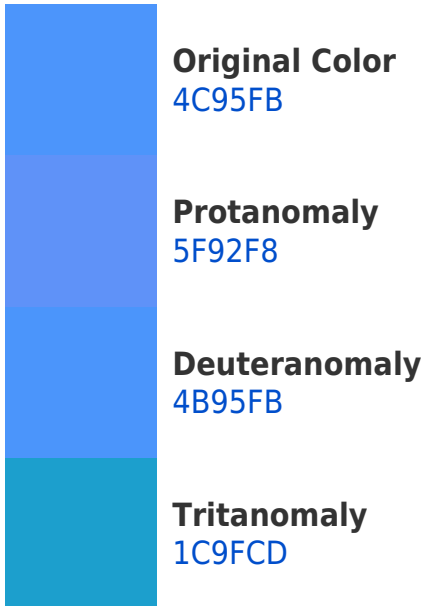
Protanopia
6A91F7

Deuteranopia
4A95FB

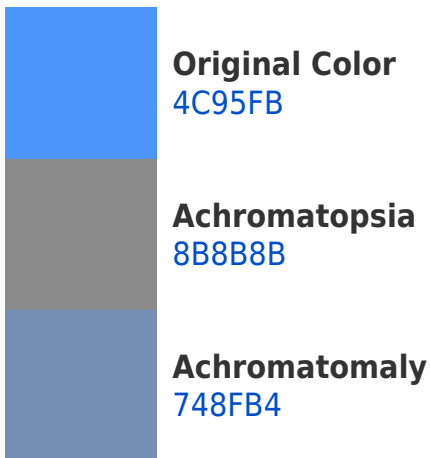


Tritanopia
00A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C95FB 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 #4C95FB looks like.

```
.text, #text, p{  
    color:#4C95FB  
}
```

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 #4C95FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C95FB
}
```

Border

The CSS property to change the border of an element to Hex 4C95FB 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
#4C95FB }
```

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

```
.border{ border-color:#4C95FB }
```

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

Here you see how a box with a 4 pixel #4C95FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C95FB; -webkit-box-shadow:4px 4px  
4px 4px #4C95FB; box-shadow:4px 4px 4px  
4px #4C95FB }
```

Background

The CSS property to change the background color of an element to Hex 4C95FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C95FB }
```

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

```
.background{ background-color:#4C95FB }
```

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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