

Converting Colors

Hex(4BC5F9)

Have a look what the booklet for
Hex(4BC5F9) contains.

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Color

Hex(4BC5F9)

Conversions

Conversions Part 1

Format	Color
Hex	4BC5F9
RGB	75, 197, 249
RGB Percent	29%, 77%, 98%
CMY	0.7059, 0.2275, 0.0235
CMYK	0.70, 0.21, 0.00, 0.02
HSL	198°, 94%, 64%
HSV	198°, 70%, 98%
XYZ	39.9668, 48.2679, 96.8327
YIQ	166.4500, -89.4040, -9.6920

Conversions

Conversions Part 2

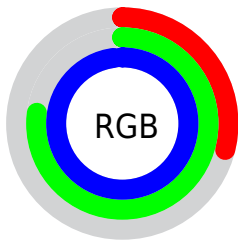
Format	Color
R _Y B	75, 147, 249
Decimal	4965881
CIE Lab	74.99, -17.62, -35.45
CIE LCh	75, 39.585, 243.564
Yxy	48.2679, 0.2160, 0.2608
Android (android.graphics.Color)	4283155961 (0xFF4BC5F9)
YUV	166.4500, 40.6972, -80.2016
Hunter-Lab	69.4751, -18.8962, -34.0044

Details

The Hex color **4BC5F9** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **F97F4B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8EFEFF**, and **008FC0** is the 20% darker color. If you saturate the color by 10%, you get **32BEF9**, and if you desaturate by 10%, it is **64CCF9**.

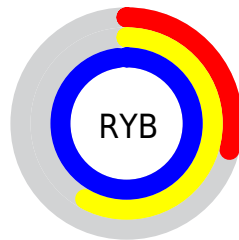
Distribution



Red (29%)

Green (77%)

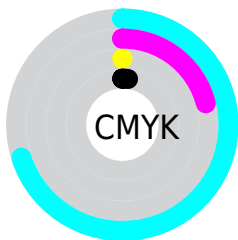
Blue (98%)



Red (29%)

Yellow (58%)

Blue (98%)

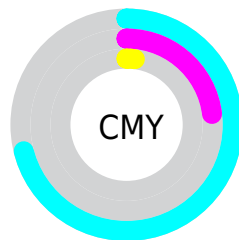


Cyan (70%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (23%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BC5F9 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 4BC5F9 by changing the saturation by 10% instead.

 4BC5F9

 4BC5F9

FFFFFF

 1AAADC

 8EFEFF

 008FC0

 AEFFFF

 0076A5

 CDFFFF

 005D8B

 ECFFFF

 004571

 002F58

 001C40

 00032A

 000114

■ 4BC5F9

■ 4BC5F9

■ 32BEF9

■ 64CCF9

■ 19B6F9

■ 7DD4F9

■ 00AFF9

■ 96DBF9

■ AFE3F9

■ C8EAF9

■ E0F2F9

■ F9F9F9

■ FFFFF9

Harmonies

Analogous

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



1DCBE0



4BC5F9



8BBBF9

Triad

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



4BC5F9



FE9CB6



A6C27B

Complementary

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



4BC5F9



F97F4B

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.



CDB86F



4BC5F9



FDA092

Square

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



4BC5F9



EAA2DA



EBAB78



7AC997

Rectangle

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



4BC5F9



B2B2FB



EBAB78



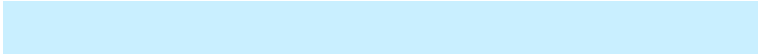
B3BF75

Sweetspot

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



4BC5F9



C9EFFF



4BF97C



607680



000000



808080

Same Dimension

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



4BC5F9



29BFFF



4B71F9



70797D



0084BD



002B3D

Inverse Universe

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



F94BC5



FF29BF



F9D34B



7D7079



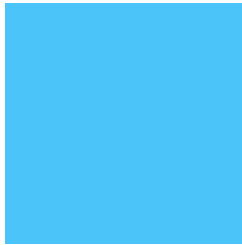
BD0084



3D002B

Previews

White Background



This preview shows how the Hex color 4BC5F9 looks on a white background.

Color Contrast Check

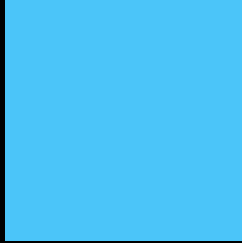
Large Text (above 18pt) WCAG AA × Fail

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 4BC5F9 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

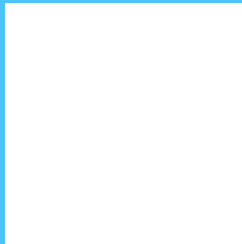
Any Text WCAG AAA ✓ Pass

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

Hex 4BC5F9 Background



This preview shows how black text looks on a background with the Hex color 4BC5F9.

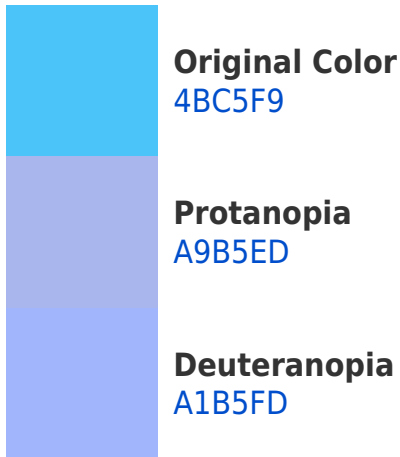


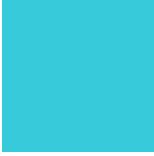
This preview shows how white text looks on a background with the Hex color 4BC5F9.

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](#).

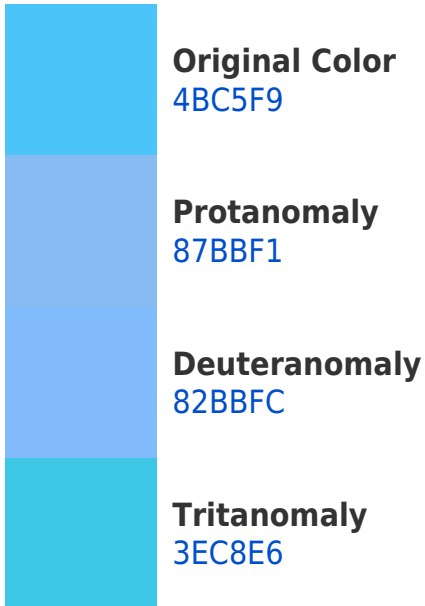
Dichromacy



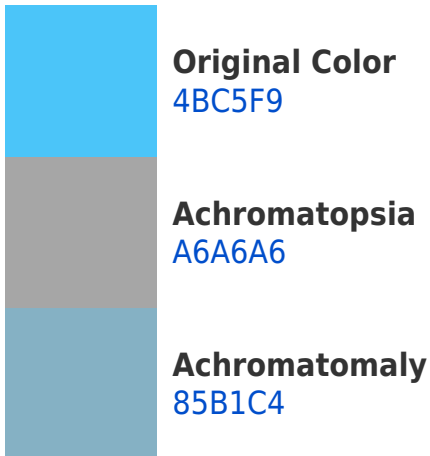


Tritanopia
36CADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BC5F9 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 #4BC5F9 looks like.

```
.text, #text, p{  
    color:#4BC5F9  
}
```

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 #4BC5F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC5F9
}
```

Border

The CSS property to change the border of an element to Hex 4BC5F9 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
#4BC5F9 }
```

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

```
.border{ border-color:#4BC5F9 }
```

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

Here you see how a box with a 4 pixel #4BC5F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC5F9; -webkit-box-shadow:4px 4px  
4px 4px #4BC5F9; box-shadow:4px 4px 4px  
4px #4BC5F9 }
```

Background

The CSS property to change the background color of an element to Hex 4BC5F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC5F9 }
```

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

```
.background{ background-color:#4BC5F9 }
```

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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