

Converting Colors

Hex(4C9DFF)

Have a look what the booklet for
Hex(4C9DFF) contains.

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Color

Hex(4C9DFF)

Conversions

Conversions Part 1

Format	Color
Hex	4C9DFF
RGB	76, 157, 255
RGB Percent	30%, 62%, 100%
CMY	0.7020, 0.3843, 0.0000
CMYK	0.70, 0.38, 0.00, 0.00
HSL	213°, 100%, 65%
HSV	213°, 70%, 100%
XYZ	33.0875, 32.8704, 99.2085
YIQ	143.9530, -79.7340, 13.3060

Conversions

Conversions Part 2

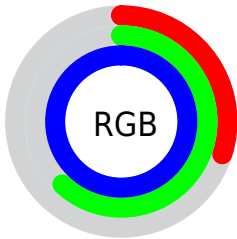
Format	Color
R _Y B	76, 132, 255
Decimal	5021183
CIE Lab	64.06, 6.66, -55.86
CIE LCh	64, 56.260, 276.802
Yxy	32.8704, 0.2003, 0.1990
Android (android.graphics.Color)	4283211263 (0xFF4C9DFF)
YUV	143.9530, 54.7462, -59.5948
Hunter-Lab	57.3327, 2.6823, -62.4624

Details

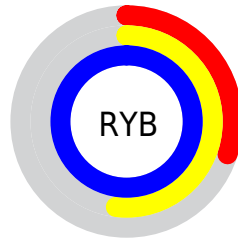
The Hex color **4C9DFF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FFAE4C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8FD3FF**, and **006AC6** is the 20% darker color. If you saturate the color by 10%, you get **338FFF**, and if you desaturate by 10%, it is **66ABFF**.

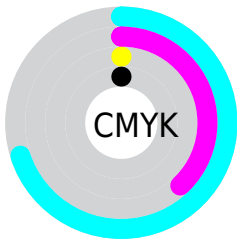
Distribution



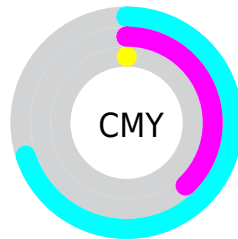
- Red (30%)
- Green (62%)
- Blue (100%)



- Red (30%)
- Yellow (52%)
- Blue (100%)



- Cyan (70%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9DFF 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 4C9DFF by changing the saturation by 10% instead.

 4C9DFF

 4C9DFF

FFFFFF

 1C83E2

 8FD3FF

 006AC6

 AEEFFF

 0053AA

 CDFFFF

 003C8F

 ECFFFF

 002875

 00145C

 000743

 00032C

 000116

■ 4C9DFF

■ 4C9DFF

■ 338FFF

■ 66ABFF

■ 1981FF

■ 7FB9FF

■ 0073FF

■ 99C7FF

■ B2D5FF

■ CCE3FF

■ E5F1FF

FFFFFF

Harmonies

Analogous

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



00ABF7



4C9DF7



AD89EC

Triad

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



4C9DFF



F17762



1BB172

Complementary

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



4C9DFF



FFAE4C

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.



77A946



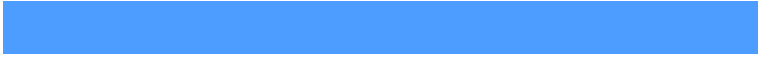
4C9DFF



D68A3D

Square

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



4C9DFF



F76E92



AC9C30



00B4A6

Rectangle

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



4C9DFE



D37BD3



AC9C30



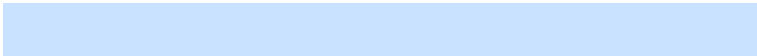
47AF62

Sweetspot

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



4C9DFF



C9E2FF



4CFFAB



606E80



000000



808080

Same Dimension

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



4C9DFE



298AFF



524CFF



737980



0057BF



001D40

Inverse Universe

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



FF4C9D



FF298A



F9FF4C



807379



BF0057



40001D

Previews

White Background



This preview shows how the Hex color 4C9DFF looks on a white background.

Color Contrast Check

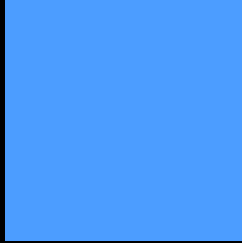
Large Text (above 18pt) WCAG AA × Fail

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 4C9DFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

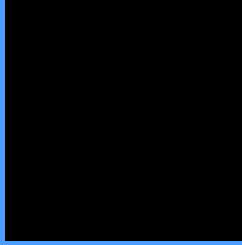
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

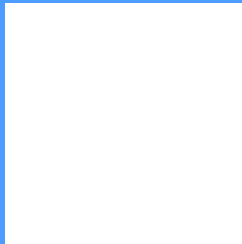
Any Text WCAG AAA ✓ Pass

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

Hex 4C9DFF Background



This preview shows how black text looks on a background with the Hex color 4C9DFF.



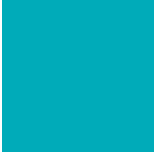
This preview shows how white text looks on a background with the Hex color 4C9DFF.

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](#).

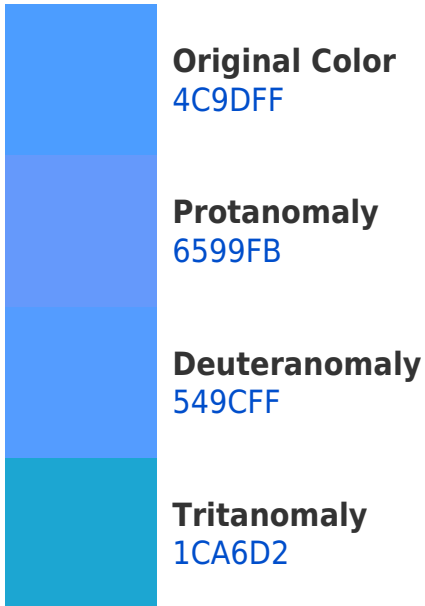
Dichromacy



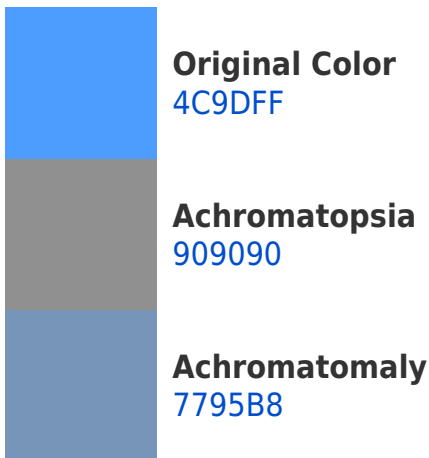


Tritanopia
00ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9DFF 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 #4C9DFF looks like.

```
.text, #text, p{  
    color:#4C9DFF  
}
```

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 #4C9DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9DFF
}
```

Border

The CSS property to change the border of an element to Hex 4C9DFF 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
#4C9DFF }
```

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

```
.border{ border-color:#4C9DFF }
```

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

Here you see how a box with a 4 pixel #4C9DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9DFF; -webkit-box-shadow:4px 4px  
4px 4px #4C9DFF; box-shadow:4px 4px 4px  
4px #4C9DFF }
```

Background

The CSS property to change the background color of an element to Hex 4C9DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9DFF }
```

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

```
.background{ background-color:#4C9DFF }
```

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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