

# Converting Colors

Hex(4D9CFA)

Have a look what the booklet for  
Hex(4D9CFA) contains.

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# **Color**

**Hex(4D9CFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D9CFA
RGB	77, 156, 250
RGB Percent	30%, 61%, 98%
CMY	0.6980, 0.3882, 0.0196
CMYK	0.69, 0.38, 0.00, 0.02
HSL	213°, 95%, 64%
HSV	213°, 69%, 98%
XYZ	32.2044, 32.2568, 94.9713
YIQ	143.0950, -77.2580, 12.4860

# Conversions

## Conversions Part 2

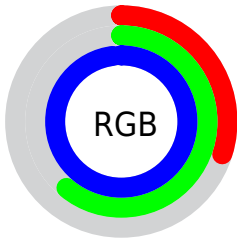
Format	Color
R <sub>Y</sub> B	77, 131, 250
Decimal	5086458
CIE Lab	63.55, 5.67, -53.93
CIE LCh	64, 54.225, 275.998
Yxy	32.2568, 0.2020, 0.2023
Android (android.graphics.Color)	4283276538 (0xFF4D9CFA)
YUV	143.0950, 52.7042, -57.9653
Hunter-Lab	56.7951, 1.8229, -59.3866

# Details

The Hex color **4D9CFA** 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 **FAAB4D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8FD2FF**, and **0069C1** is the 20% darker color. If you saturate the color by 10%, you get **348EFA**, and if you desaturate by 10%, it is **66AAFA**.

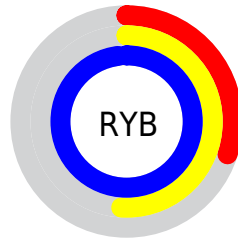
# Distribution



Red (30%)

Green (61%)

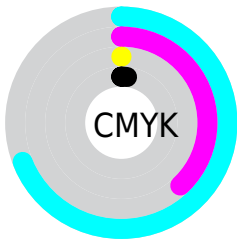
Blue (98%)



Red (30%)

Yellow (51%)

Blue (98%)

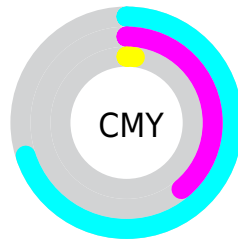


Cyan (69%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (70%)

Magenta (39%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D9CFA 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 4D9CFA by changing the saturation by 10% instead.



 4D9CFA

 4D9CFA

FFFFFF

 2082DD

 8FD2FF

 0069C1

 AEEEFF

 0052A5

 CDFFFF

 003B8B

 EBFFFF

 002771

 001257

 00063F

 000328

 000112

■ 4D9CFA

■ 4D9CFA

■ 348EFA

■ 66AAFA

■ 1B81FA

■ 7FB7FA

■ 0273FA

■ 98C5FA

■ 0072FA

■ B1D2FA

■ CAE0FA

■ E3EEFA

■ FCFBFA

■ FFFFFA

# Harmonies

## Analogous

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



00A9F2



4D9CFA



A989E8

# Triad

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



4D9CFA



ED7764



2AAF71

# Complementary

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



4D9CFA



FAAB4D

# 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.



79A747



4D9CFA



D48940

# Square

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



4D9CFA



F26F92



AC9B33



00B2A2

# Rectangle

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



4D9CFA



CF7CD1



AC9B33



4CAD62

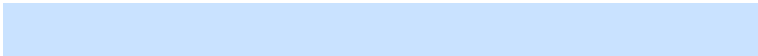


# Sweetspot

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



4D9CFA



C9E2FF



4DFAA9



606E80



000000



808080



# Same Dimension

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



4D9CFA



2B8CFF



534DFA



70767D



0056BD



001C3D



# Inverse Universe

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



FA4D9C



FF2B8C



F4FA4D



7D7076



BD0056



3D001C



# Previews

## White Background



This preview shows how the Hex color 4D9CFA looks on a white background.

## Color Contrast Check

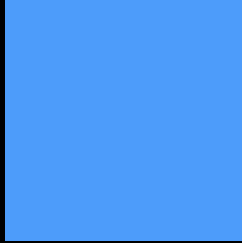
Large Text (above 18pt) WCAG AA × Fail

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 4D9CFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

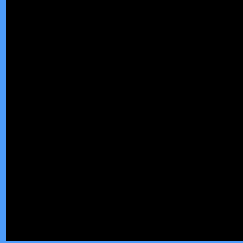
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

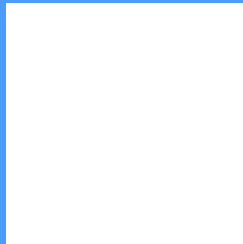
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D9CFA Background



This preview shows how black text looks on a background with the Hex color 4D9CFA.

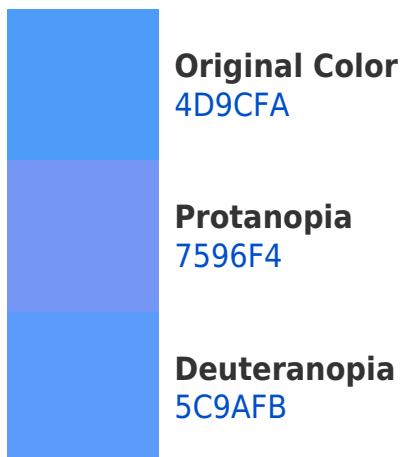


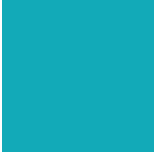
This preview shows how white text looks on a background with the Hex color 4D9CFA.

# 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](#).

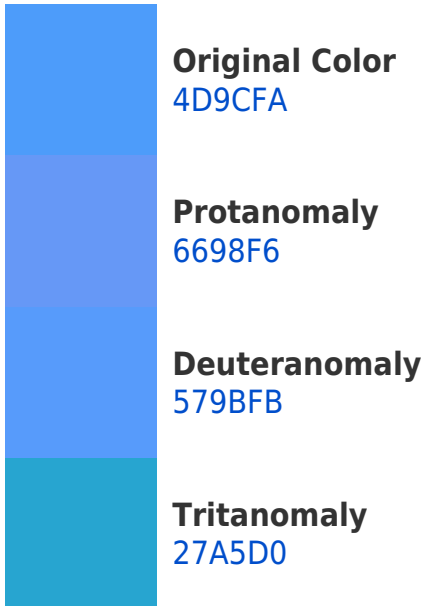
## Dichromacy



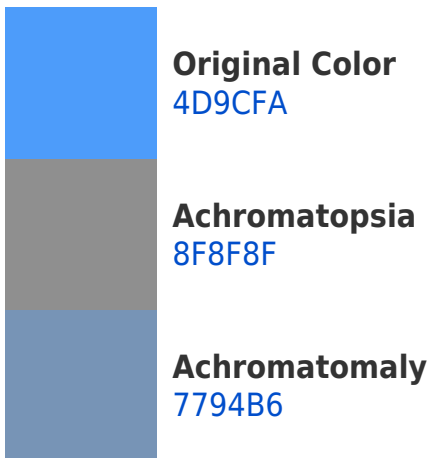


**Tritanopia**  
12AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D9CFA 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 #4D9CFA looks like.

```
.text, #text, p{  
    color:#4D9CFA  
}
```

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 #4D9CFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9CFA
}
```

## Border

The CSS property to change the border of an element to Hex 4D9CFA 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
#4D9CFA }
```

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

```
.border{ border-color:#4D9CFA }
```

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

Here you see how a box with a 4 pixel #4D9CFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9CFA; -webkit-box-shadow:4px 4px  
4px 4px #4D9CFA; box-shadow:4px 4px 4px  
4px #4D9CFA }
```

# Background

The CSS property to change the background color of an element to Hex 4D9CFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9CFA }
```

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

```
.background{ background-color:#4D9CFA }
```

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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