

Converting Colors

Hex(449CFA)

Have a look what the booklet for
Hex(449CFA) contains.

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Color

Hex(449CFA)

Conversions

Conversions Part 1

Format	Color
Hex	449CFA
RGB	68, 156, 250
RGB Percent	27%, 61%, 98%
CMY	0.7333, 0.3882, 0.0196
CMYK	0.73, 0.38, 0.00, 0.02
HSL	211°, 95%, 62%
HSV	211°, 73%, 98%
XYZ	31.5277, 31.9080, 94.9397
YIQ	140.4040, -82.6220, 10.5780

Conversions

Conversions Part 2

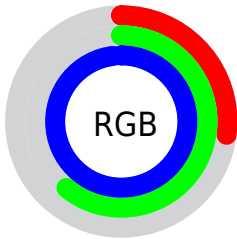
Format	Color
R _{YB}	68, 127, 250
Decimal	4496634
CIE _{Lab}	63.27, 4.45, -54.40
CIE _{LCh}	63, 54.585, 274.675
Yxy	31.9080, 0.1991, 0.2015
Android (android.graphics.Color)	4282686714 (0xFF449CFA)
YUV	140.4040, 54.0308, -63.4983
Hunter-Lab	56.4872, 0.7752, -60.1094

Details

The Hex color **449CFA** 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 **FAA244**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **89D2FF**, and **0069C1** is the 20% darker color. If you saturate the color by 10%, you get **2B8FFA**, and if you desaturate by 10%, it is **5DA9FA**.

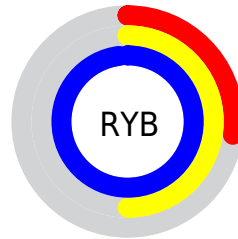
Distribution



Red (27%)

Green (61%)

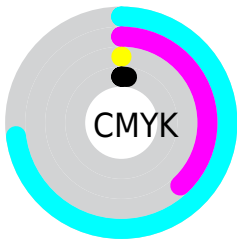
Blue (98%)



Red (27%)

Yellow (50%)

Blue (98%)

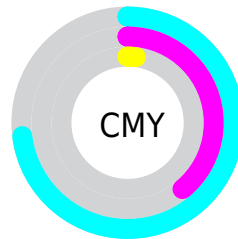


Cyan (73%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (73%)

Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 449CFA 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 449CFA by changing the saturation by 10% instead.

 449CFA

 449CFA


FFFFFF

 0682DD

 89D2FF

 0069C1

 A8EEFF

 0052A5

 C7FFFF

 003B8B

 E6FFFF

 002770

 001257

 00063F

 000328

 000112

■ 449CFA

■ 449CFA

■ 2B8FFA

■ 5DA9FA

■ 1282FA

■ 76B6FA

■ 0079FA

■ 8FC3FA

■ A8D0FA

■ C1DDFA

■ DAE9FA

■ F3F6FA

■ FFFFFA

Harmonies

Analogous

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



00A9F0



449CFA



A689E9

Triad

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



449CFA



EE7665



2DAE6E

Complementary

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



449CFA



FAA244

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.



7AA645



449CFA



D58740

Square

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



449CFA



F16D93



AD9931



00B1A0

Rectangle

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



449CFA



CC7CD2



AD9931



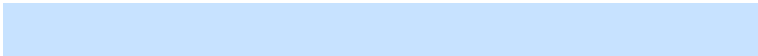
4EAC5E

Sweetspot

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



449CFA



C7E2FF



44FA9F



5E6E80



000000



808080

Same Dimension

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



449CFA



218CFF



4444FA



70767D



005BBD



001E3D

Inverse Universe

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



FA449C



FF218C



FAFA44



7D7076



BD005B



3D001E

Previews

White Background



This preview shows how the Hex color 449CFA looks on a white background.

Color Contrast Check

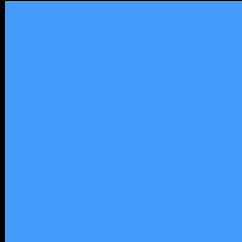
Large Text (above 18pt) WCAG AA × Fail

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 449CFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

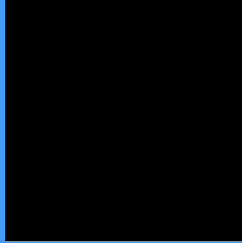
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

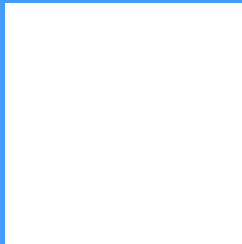
Any Text WCAG AAA ✓ Pass

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

Hex 449CFA Background



This preview shows how black text looks on a background with the Hex color 449CFA.

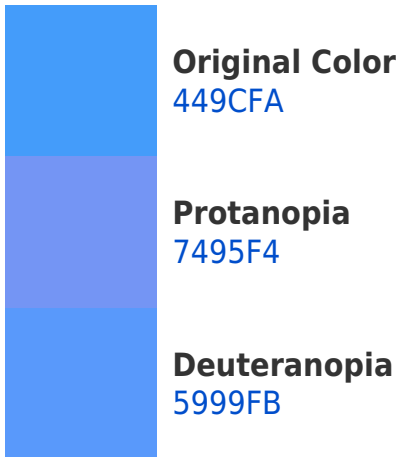


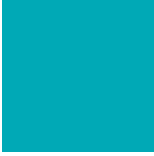
This preview shows how white text looks on a background with the Hex color 449CFA.

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](#).

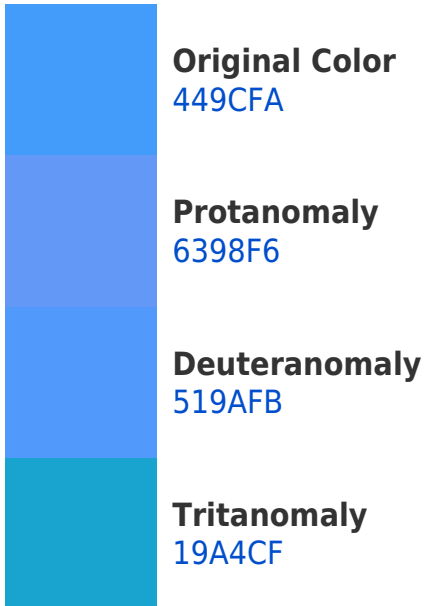
Dichromacy



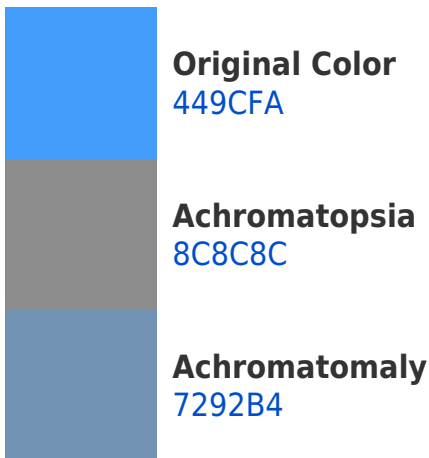


Tritanopia
00A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 449CFA 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 #449CFA looks like.

```
.text, #text, p{  
    color:#449CFA  
}
```

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 #449CFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449CFA
}
```

Border

The CSS property to change the border of an element to Hex 449CFA 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
#449CFA }
```

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

```
.border{ border-color:#449CFA }
```

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

Here you see how a box with a 4 pixel #449CFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449CFA; -webkit-box-shadow:4px 4px  
4px 4px #449CFA; box-shadow:4px 4px 4px  
4px #449CFA }
```

Background

The CSS property to change the background color of an element to Hex 449CFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449CFA }
```

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

```
.background{ background-color:#449CFA }
```

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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