

Converting Colors

Hex(4CA4FF)

Have a look what the booklet for
Hex(4CA4FF) contains.

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Color

Hex(4CA4FF)

Conversions

Conversions Part 1

Format	Color
Hex	4CA4FF
RGB	76, 164, 255
RGB Percent	30%, 64%, 100%
CMY	0.7020, 0.3569, 0.0000
CMYK	0.70, 0.36, 0.00, 0.00
HSL	211°, 100%, 65%
HSV	211°, 70%, 100%
XYZ	34.3060, 35.3074, 99.6146
YIQ	148.0620, -81.6590, 9.6450

Conversions

Conversions Part 2

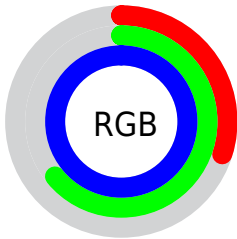
Format	Color
RYB	76, 135, 255
Decimal	5022975
CIELab	65.99, 2.60, -52.80
CIELCh	66, 52.863, 272.823
Yxy	35.3074, 0.2027, 0.2086
Android (android.graphics.Color)	4283213055 (0xFF4CA4FF)
YUV	148.0620, 52.7204, -63.1984
Hunter-Lab	59.4200, -0.9287, -57.8026

Details

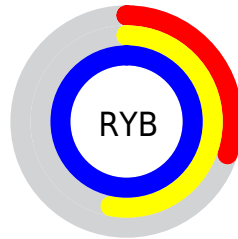
The Hex color **4CA4FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FFA74C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8FDBFF**, and **0071C6** is the 20% darker color. If you saturate the color by 10%, you get **3397FF**, and if you desaturate by 10%, it is **66B1FF**.

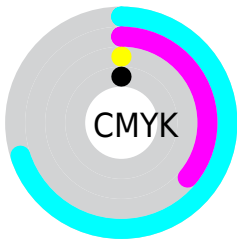
Distribution



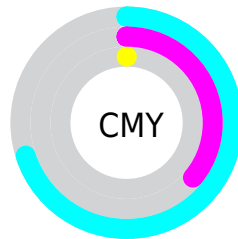
- Red (30%)
- Green (64%)
- Blue (100%)



- Red (30%)
- Yellow (53%)
- Blue (100%)



- Cyan (70%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA4FF 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 4CA4FF by changing the saturation by 10% instead.

 4CA4FF

 4CA4FF

FFFFFF

 1C8AE2

 8FDBFF

 0071C6

 AEF7FF

 0059AA

 CDFFFF

 00428F

 ECFFFF

 002D75

 00195C

 000744

 00032C

 000117

■ 4CA4FF

■ 4CA4FF

■ 3397FF

■ 66B1FF

■ 198AFF

■ 7FBEFF

■ 007DFF

■ 99CBFF

■ B2D8FF

■ CCE5FF

■ E5F2FF

FFFFFF

Harmonies

Analogous

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



00B1F4



4CA4FF



A992F0

Triad

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



4CA4FF



F57D70



43B573

Complementary

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



4CA4FF



FFA74C

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.



86AC4D



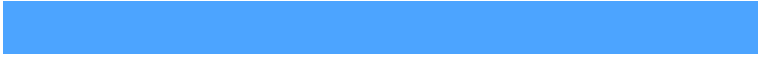
4CA4FF



DD8E4C

Square

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



4CA4FF



F7779E



B79F3D



00B8A3

Rectangle

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



4CA4FF



D085DA



B79F3D



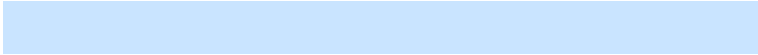
5EB265

Sweetspot

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



4CA4FF



C9E4FF



4CFFA6



606F80



000000



808080

Same Dimension

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



4CA4FF



2992FF



4C4CFF



737980



005EBF



001F40

Inverse Universe

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



FF4CA4



FF2992



FFFF4C



807379



BF005E



40001F

Previews

White Background



This preview shows how the Hex color 4CA4FF looks on a white background.

Color Contrast Check

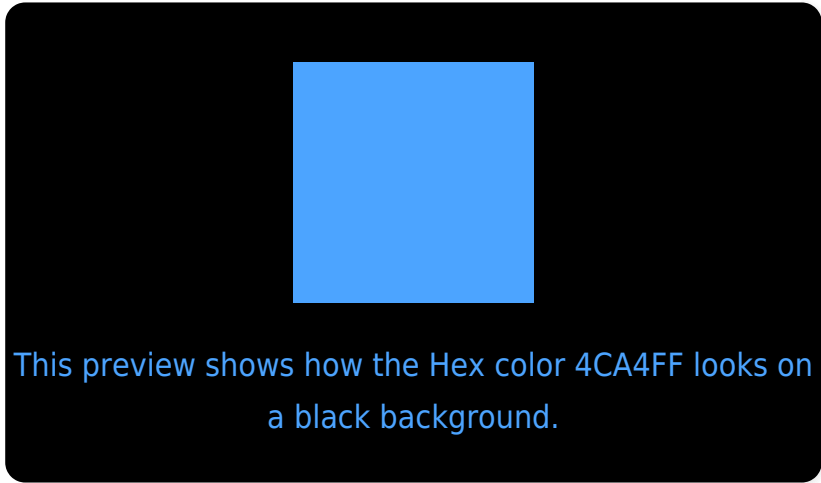
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

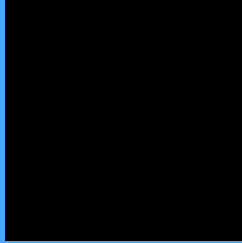
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

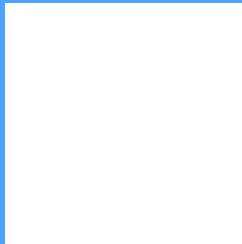
Any Text WCAG AAA ✓ Pass

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

Hex 4CA4FF Background



This preview shows how black text looks on a background with the Hex color 4CA4FF.

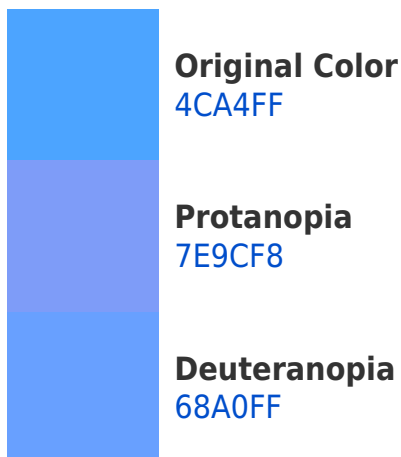


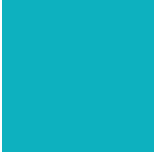
This preview shows how white text looks on a background with the Hex color 4CA4FF.

Color Blindness Simulation

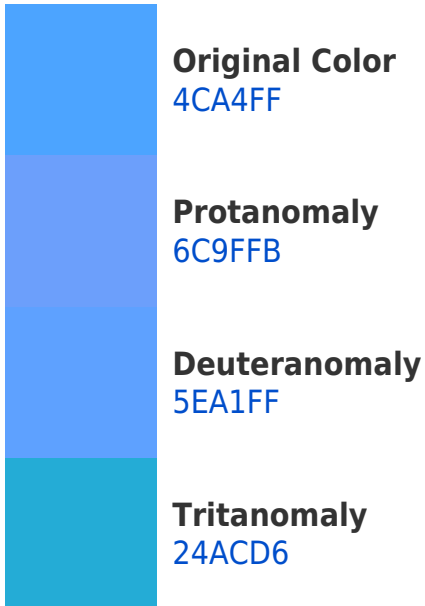
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

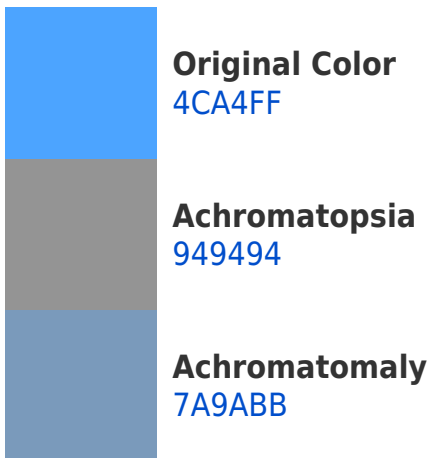




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA4FF 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 #4CA4FF looks like.

```
.text, #text, p{  
    color:#4CA4FF  
}
```

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 #4CA4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA4FF
}
```

Border

The CSS property to change the border of an element to Hex 4CA4FF 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
#4CA4FF }
```

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

```
.border{ border-color:#4CA4FF }
```

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

Here you see how a box with a 4 pixel #4CA4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA4FF; -webkit-box-shadow:4px 4px  
4px 4px #4CA4FF; box-shadow:4px 4px 4px  
4px #4CA4FF }
```

Background

The CSS property to change the background color of an element to Hex 4CA4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA4FF }
```

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

```
.background{ background-color:#4CA4FF }
```

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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