

Converting Colors

Hex(3CA9FD)

Have a look what the booklet for
Hex(3CA9FD) contains.

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Color

Hex(3CA9FD)

Conversions

Conversions Part 1

Format	Color
Hex	3CA9FD
RGB	60, 169, 253
RGB Percent	24%, 66%, 99%
CMY	0.7647, 0.3373, 0.0078
CMYK	0.76, 0.33, 0.00, 0.01
HSL	206°, 98%, 61%
HSV	206°, 76%, 99%
XYZ	33.7811, 36.4284, 98.1794
YIQ	145.9850, -91.9280, 3.0160

Conversions

Conversions Part 2

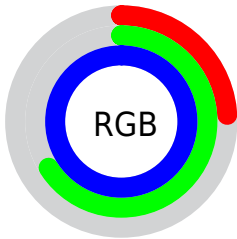
Format	Color
RYB	60, 130, 253
Decimal	3975677
CIELab	66.85, -2.92, -50.38
CIELCh	67, 50.466, 266.680
Yxy	36.4284, 0.2006, 0.2163
Android (android.graphics.Color)	4282165757 (0xFF3CA9FD)
YUV	145.9850, 52.7584, -75.4088
Hunter-Lab	60.3560, -5.7170, -54.1963

Details

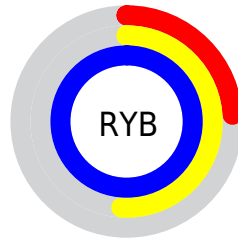
The Hex color **3CA9FD** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FD903C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **84E0FF**, and **0075C4** is the 20% darker color. If you saturate the color by 10%, you get **239EFD**, and if you desaturate by 10%, it is **55B4FD**.

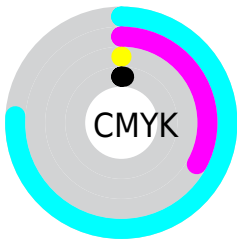
Distribution



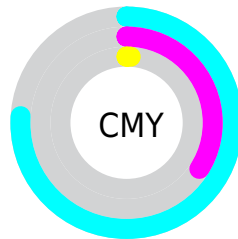
- Red (24%)
- Green (66%)
- Blue (99%)



- Red (24%)
- Yellow (51%)
- Blue (99%)



- Cyan (76%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)



- Cyan (76%)
- Magenta (34%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CA9FD 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 3CA9FD by changing the saturation by 10% instead.

 3CA9FD

 3CA9FD

FFFFFF

 008FE0

 84E0FF

 0075C4

 A4FCFF

 005DA8

 C4FFFF

 00468D

 E3FFFF

 003073

 001D5A

 000742

 00032B

 000115

■ 3CA9FD

■ 3CA9FD

■ 239EFD

■ 55B4FD

■ 0993FD

■ 6FBFFD

■ 008FFD

■ 88CAFD

■ A1D5FD

■ BBE0FD

■ D4EBFD

■ EDF6FD

FFFFFD

Harmonies

Analogous

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



00B4EE



3CA9FD



9D99F4

Triad

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



3CA9FD



F67F7C



5CB56F

Complementary

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



3CA9FD



FD903C

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.



95AC4E



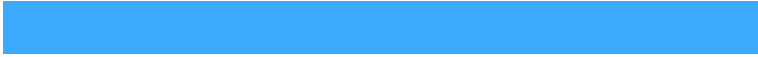
3CA9FD



E48E58

Square

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



3CA9FD



F37CAA



C19E45



00B99C

Rectangle

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



3CA9FD



C68DE1



C19E45



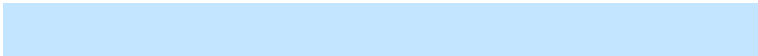
71B362

Sweetspot

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



3CA9FD



C4E5FF



3CFD90



5C7080



000000



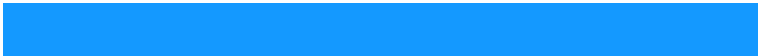
808080

Same Dimension

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



3CA9FD



1499FF



3C49FD



737A80



006CBF



002440

Inverse Universe

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



FD3CA9



FF1499



FDF03C



80737A



BF006C



400024

Previews

White Background



This preview shows how the Hex color 3CA9FD looks on a white background.

Color Contrast Check

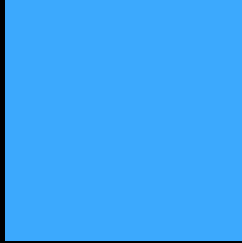
Large Text (above 18pt) WCAG AA × Fail

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 3CA9FD 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

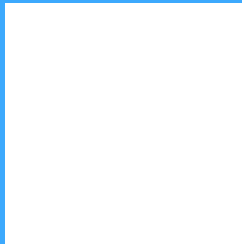
Any Text WCAG AAA ✓ Pass

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

Hex 3CA9FD Background



This preview shows how black text looks on a background with the Hex color 3CA9FD.



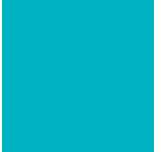
This preview shows how white text looks on a background with the Hex color 3CA9FD.

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](#).

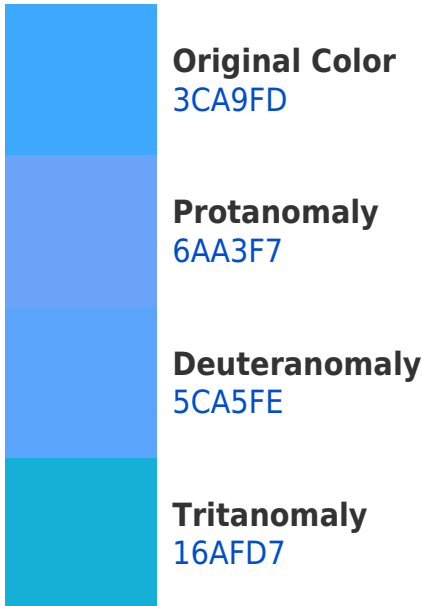
Dichromacy



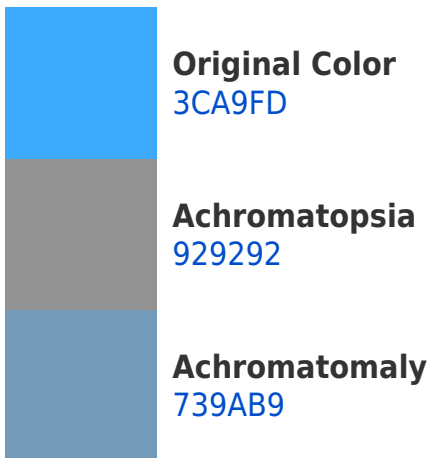


Tritanopia
00B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CA9FD 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 #3CA9FD looks like.

```
.text, #text, p{  
    color:#3CA9FD  
}
```

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 #3CA9FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA9FD
}
```

Border

The CSS property to change the border of an element to Hex 3CA9FD 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
#3CA9FD }
```

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

```
.border{ border-color:#3CA9FD }
```

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

Here you see how a box with a 4 pixel #3CA9FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA9FD; -webkit-box-shadow:4px 4px  
4px 4px #3CA9FD; box-shadow:4px 4px 4px  
4px #3CA9FD }
```

Background

The CSS property to change the background color of an element to Hex 3CA9FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA9FD }
```

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

```
.background{ background-color:#3CA9FD }
```

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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