

Converting Colors

Hex(3AC9FB)

Have a look what the booklet for
Hex(3AC9FB) contains.

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Color

Hex(3AC9FB)

Conversions

Conversions Part 1

Format	Color
Hex	3AC9FB
RGB	58, 201, 251
RGB Percent	23%, 79%, 98%
CMY	0.7725, 0.2118, 0.0157
CMYK	0.77, 0.20, 0.00, 0.02
HSL	196°, 96%, 61%
HSV	196°, 77%, 98%
XYZ	40.0442, 49.6379, 98.7373
YIQ	163.9430, -101.2780, -14.7660

Conversions

Conversions Part 2

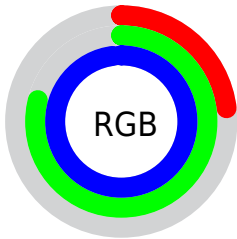
Format	Color
RYB	58, 140, 251
Decimal	3852795
CIELab	75.85, -21.06, -35.23
CIElCh	76, 41.042, 239.131
Yxy	49.6379, 0.2125, 0.2634
Android (android.graphics.Color)	4282042875 (0xFF3AC9FB)
YUV	163.9430, 42.9191, -92.9120
Hunter-Lab	70.4541, -21.8404, -33.7735

Details

The Hex color **3AC9FB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FB6C3A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **84FFFF**, and **0093C2** is the 20% darker color. If you saturate the color by 10%, you get **21C2FB**, and if you desaturate by 10%, it is **53D0FB**.

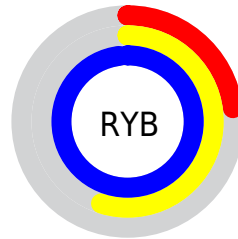
Distribution



 Red (23%)

 Green (79%)

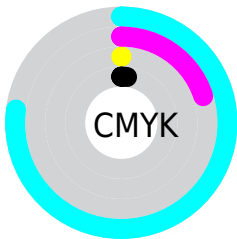
 Blue (98%)




 Red (23%)

 Yellow (55%)

 Blue (98%)

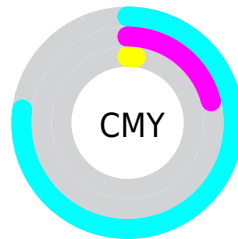


 Cyan (77%)


 Magenta (20%)

 Yellow (0%)

 Black (2%)



 Cyan (77%)

 Magenta (21%)

 Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC9FB 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 3AC9FB by changing the saturation by 10% instead.

 3AC9FB

 3AC9FB

FFFFFF

 00AEDE

 84FFFF

 0093C2

 A5FFFF

 0079A7

 C4FFFF

 00608C

 E4FFFF

 004873

 00325A

 001F42

 00032C

 000116

■ 3AC9FB

■ 3AC9FB

■ 21C2FB

■ 53D0FB

■ 08BCFB

■ 6CD6FB

■ 00BAFB

■ 85DDFB

■ 9EE3FB

■ B8EAFB

■ D1F0FB

■ EAF7FB

■ FFFDFB

■ FFFFFB

Harmonies

Analogous

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



07CEDF



3AC9FB



81BFFF

Triad

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



3AC9FB



FF9DBE



AEC477

Complementary

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



3AC9FB



FB6C3A

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.



D5B86E



3AC9FB



FFA098

Square

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



3AC9FB



EAA4E2



F3AB7B



80CB93

Rectangle

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



3AC9FB



ABB6FF



F3AB7B



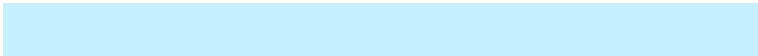
BBC072

Sweetspot

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



3AC9FB



C4FOFF



3AFB6A



5C7680



000000



808080

Same Dimension

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



3AC9FB



14C2FF



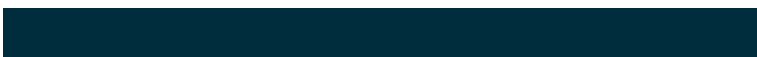
3A6AFB



707A7D



008CBD



002D3D

Inverse Universe

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



FB3AC9



FF14C2



FBCB3A



7D707A



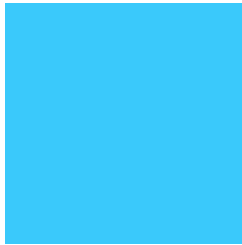
BD008C



3D002D

Previews

White Background



This preview shows how the Hex color 3AC9FB looks on a white background.

Color Contrast Check

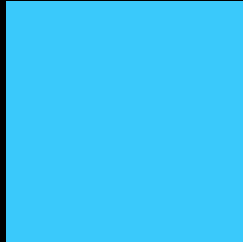
Large Text (above 18pt) WCAG AA × Fail

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 3AC9FB 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 3AC9FB Background



This preview shows how black text looks on a background with the Hex color 3AC9FB.

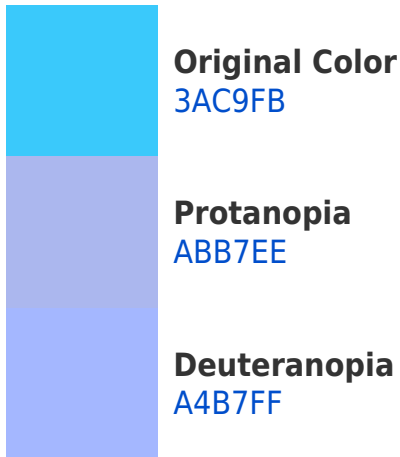


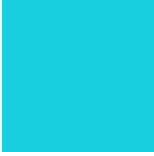
This preview shows how white text looks on a background with the Hex color 3AC9FB.

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



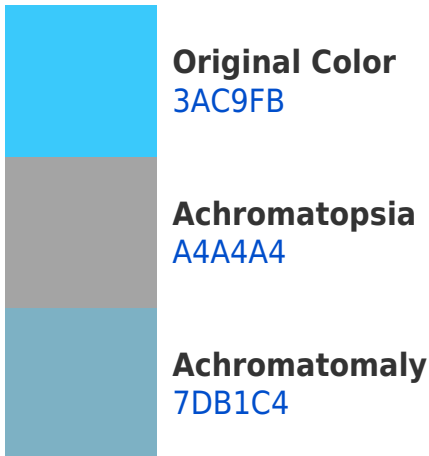


Tritanopia
19CEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC9FB 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 #3AC9FB looks like.

```
.text, #text, p{  
    color:#3AC9FB  
}
```

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 #3AC9FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC9FB
}
```

Border

The CSS property to change the border of an element to Hex 3AC9FB 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
#3AC9FB }
```

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

```
.border{ border-color:#3AC9FB }
```

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

Here you see how a box with a 4 pixel #3AC9FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC9FB; -webkit-box-shadow:4px 4px  
4px 4px #3AC9FB; box-shadow:4px 4px 4px  
4px #3AC9FB }
```

Background

The CSS property to change the background color of an element to Hex 3AC9FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC9FB }
```

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

```
.background{ background-color:#3AC9FB }
```

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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