

Converting Colors

Hex(3AC6FA)

Have a look what the booklet for
Hex(3AC6FA) contains.

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Color

Hex(3AC6FA)

Conversions

Conversions Part 1

Format	Color
Hex	3AC6FA
RGB	58, 198, 250
RGB Percent	23%, 78%, 98%
CMY	0.7725, 0.2235, 0.0196
CMYK	0.77, 0.21, 0.00, 0.02
HSL	196°, 95%, 60%
HSV	196°, 77%, 98%
XYZ	39.1943, 48.1898, 97.6783
YIQ	162.0680, -100.1320, -13.5080

Conversions

Conversions Part 2

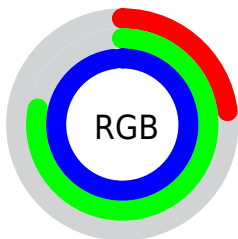
Format	Color
R _{YB}	58, 139, 250
Decimal	3852026
CIE Lab	74.94, -19.84, -36.09
CIE LCh	75, 41.183, 241.199
Yxy	48.1898, 0.2118, 0.2604
Android (android.graphics.Color)	4282042106 (0xFF3AC6FA)
YUV	162.0680, 43.3505, -91.2676
Hunter-Lab	69.4189, -20.7009, -34.8328

Details

The Hex color **3AC6FA** 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 **FA6E3A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **84FFFF**, and **0090C1** is the 20% darker color. If you saturate the color by 10%, you get **21BFFA**, and if you desaturate by 10%, it is **53CDFA**.

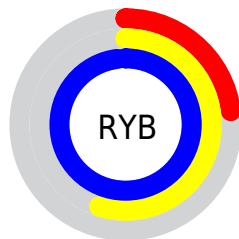
Distribution



Red (23%)

Green (78%)

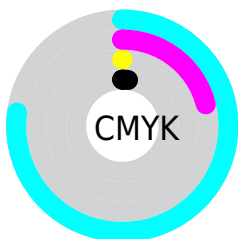
Blue (98%)



Red (23%)

Yellow (55%)

Blue (98%)

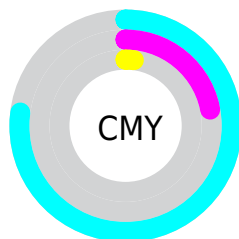


Cyan (77%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (77%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AC6FA 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 3AC6FA by changing the saturation by 10% instead.

 3AC6FA

 3AC6FA

FFFFFF

 00ABDD

 84FFFF

 0090C1

 A4FFFF

 0076A6

 C4FFFF

 005E8B

 E3FFFF

 004672

 002F59

 001D41

 00032B

 000115

■ 3AC6FA

■ 3AC6FA

■ 21BFFA

■ 53CDFA

■ 08B8FA

■ 6CD4FA

■ 00B6FA

■ 85DAFA

■ 9EE1FA

■ B7E8FA

■ D0EFA

■ E9F5FA

■ FFFCFA

■ FFFFFA

Harmonies

Analogous

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



00CCDE



3AC6FA



83BCFF

Triad

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



3AC6FA



FF9BB8



A8C276

Complementary

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



3AC6FA



FA6E3A

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.



D0B76C



3AC6FA



FF9E93

Square

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



3AC6FA



E9A1DE



EFA977



7AC993

Rectangle

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



3AC6FA



ACB3FF



EFA977



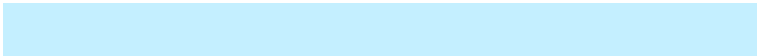
B6BF70

Sweetspot

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



3AC6FA



C4EFFF



3AFA6D



5C7680



000000



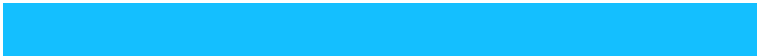
808080

Same Dimension

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



3AC6FA



14BFFF



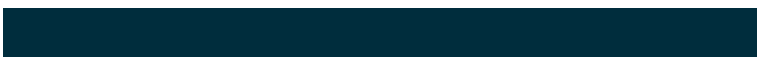
3A67FA



707A7D



008ABD



002D3D

Inverse Universe

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



FA3AC6



FF14BF



FACD3A



7D707A



BD008A



3D002D

Previews

White Background



This preview shows how the Hex color 3AC6FA looks on a white background.

Color Contrast Check

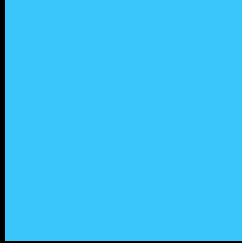
Large Text (above 18pt) WCAG AA × Fail

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 3AC6FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

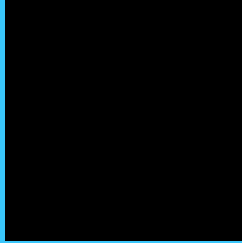
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

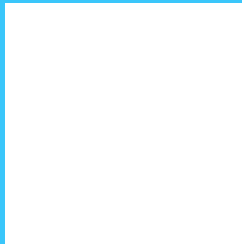
Any Text WCAG AAA ✓ Pass

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

Hex 3AC6FA Background



This preview shows how black text looks on a background with the Hex color 3AC6FA.

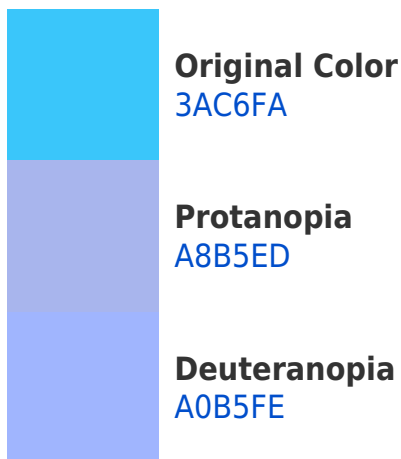


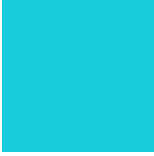
This preview shows how white text looks on a background with the Hex color 3AC6FA.

Color Blindness Simulation

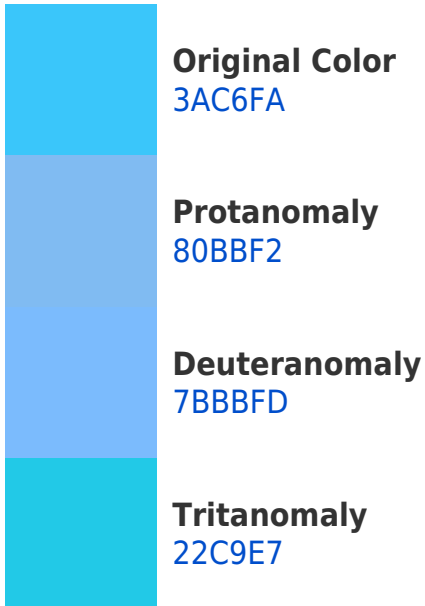
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

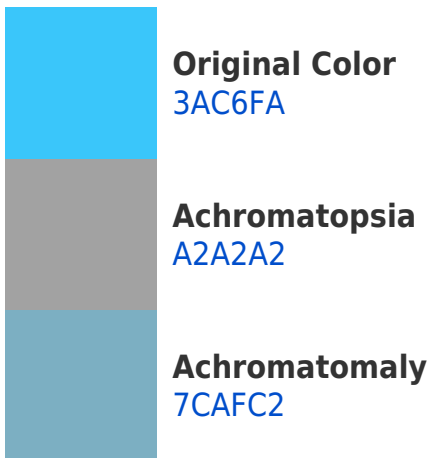




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AC6FA 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 #3AC6FA looks like.

```
.text, #text, p{  
    color:#3AC6FA  
}
```

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 #3AC6FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC6FA
}
```

Border

The CSS property to change the border of an element to Hex 3AC6FA 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
#3AC6FA }
```

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

```
.border{ border-color:#3AC6FA }
```

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

Here you see how a box with a 4 pixel #3AC6FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC6FA; -webkit-box-shadow:4px 4px  
4px 4px #3AC6FA; box-shadow:4px 4px 4px  
4px #3AC6FA }
```

Background

The CSS property to change the background color of an element to Hex 3AC6FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC6FA }
```

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

```
.background{ background-color:#3AC6FA }
```

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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