

Converting Colors

Hex(3ACAFF)

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

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Color

Hex(3ACAFF)

Conversions

Conversions Part 1

Format	Color
Hex	3ACAFF
RGB	58, 202, 255
RGB Percent	23%, 79%, 100%
CMY	0.7725, 0.2078, 0.0000
CMYK	0.77, 0.21, 0.00, 0.00
HSL	196°, 100%, 61%
HSV	196°, 77%, 100%
XYZ	40.9155, 50.3606, 102.1718
YIQ	164.9860, -102.8370, -14.0450

Conversions

Conversions Part 2

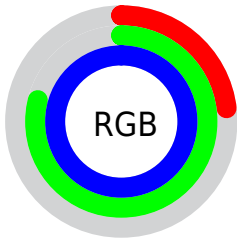
Format	Color
RYB	58, 141, 255
Decimal	3853055
CIELab	76.29, -20.27, -36.68
CIELCh	76, 41.911, 241.075
Yxy	50.3606, 0.2115, 0.2603
Android (android.graphics.Color)	4282043135 (0xFF3ACAFF)
YUV	164.9860, 44.3769, -93.8267
Hunter-Lab	70.9652, -21.2738, -35.6869

Details

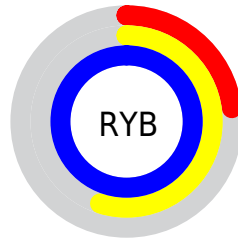
The Hex color **3ACAFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6F3A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **85FFFF**, and **0094C6** is the 20% darker color. If you saturate the color by 10%, you get **20C3FF**, and if you desaturate by 10%, it is **53D1FF**.

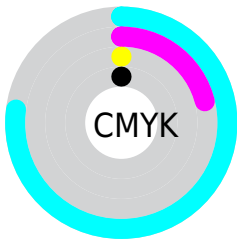
Distribution



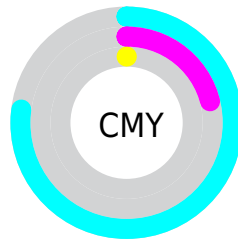
- Red (23%)
- Green (79%)
- Blue (100%)



- Red (23%)
- Yellow (55%)
- Blue (100%)



- Cyan (77%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 3ACAFF

 3ACAFF

FFFFFF

 00AFE2

 85FFFF

 0094C6

 A5FFFF

 007AAB

 C5FFFF

 006190

 E5FFFF

 004976

 00335D

 001F45

 00042F

 000119

 3ACAFF

 3ACAFF

 20C3FF

 53D1FF

 07BCFF

 6DD8FF

 00BAFF

 86DFFF

 A0E5FF

 B9ECFF

 D3F3FF

 ECFAFF

FFFFFF

Harmonies

Analogous

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



00D0E3



3ACAFF



85BFFF

Triad

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



3ACAFF



FF9EBC



ACC678

Complementary

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



3ACAFF



FF6F3A

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.



D4BA6E



3ACAFF



FFA196

Square

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



3ACAFF



EEA4E2



F4AD79



7DCD95

Rectangle

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



3ACAFF



B0B6FF



F4AD79



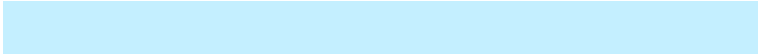
BAC272

Sweetspot

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



3ACAFF



C4EFFF



3AFF6F



5C7680



000000



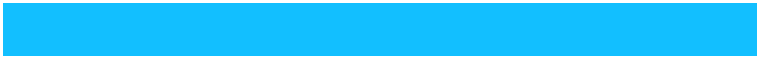
808080

Same Dimension

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



3ACAFF



12BFFF



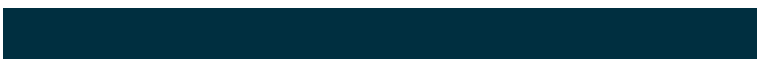
3A68FF



737C80



008CBF



002F40

Inverse Universe

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



FF3ACA



FF12BF



FFD13A



80737C



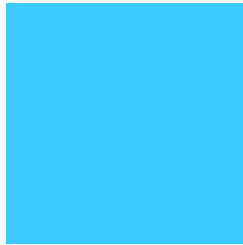
BF008C



40002F

Previews

White Background



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

Color Contrast Check

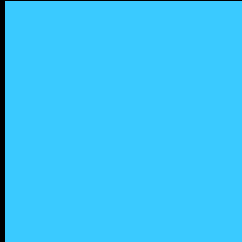
Large Text (above 18pt) WCAG AA × Fail

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 3ACAFF 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

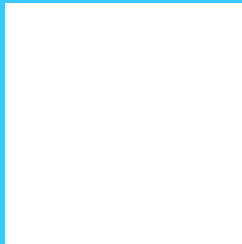
Any Text WCAG AAA ✓ Pass

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

Hex 3ACAFF Background



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

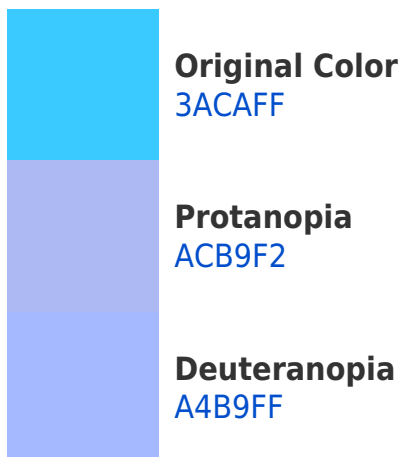


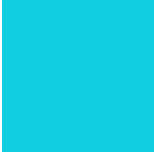
This preview shows how white text looks on a background with the Hex color 3ACAFF.

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](#).

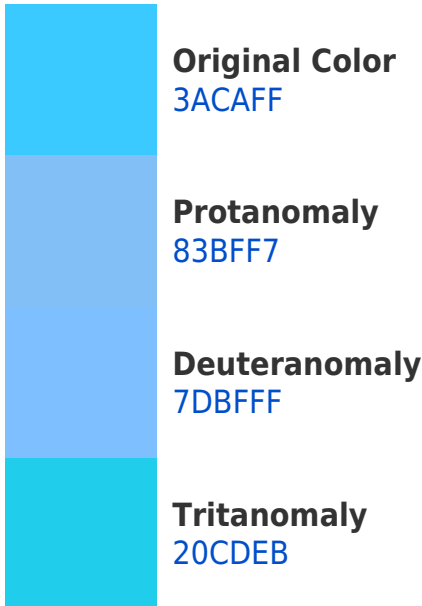
Dichromacy



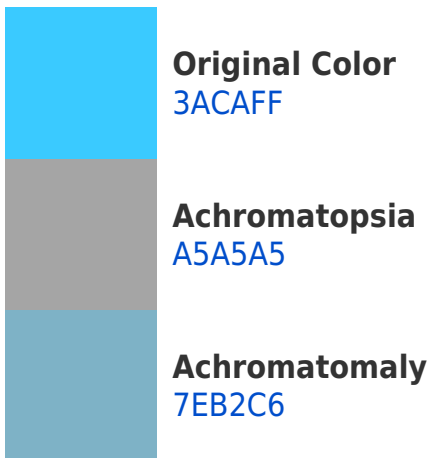


Tritanopia
11CFE0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3ACAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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