

# Converting Colors

Hex(3ACCFF)

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

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# **Color**

**Hex(3ACCFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ACCFF
RGB	58, 204, 255
RGB Percent	23%, 80%, 100%
CMY	0.7725, 0.2000, 0.0000
CMYK	0.77, 0.20, 0.00, 0.00
HSL	196°, 100%, 61%
HSV	196°, 77%, 100%
XYZ	41.3878, 51.3053, 102.3293
YIQ	166.1600, -103.3870, -15.0910

# Conversions

## Conversions Part 2

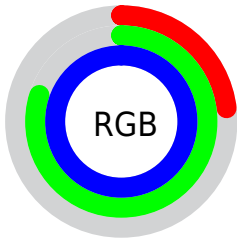
Format	Color
<a href="#">RYB</a>	58, 142, 255
Decimal	3853567
CIELab	76.86, -21.30, -35.79
CIELCh	77, 41.650, 239.250
Yxy	51.3053, 0.2122, 0.2631
Android (android.graphics.Color)	4282043647 (0xFF3ACCF)
YUV	166.1600, 43.7981, -94.8563
Hunter-Lab	71.6277, -22.2079, -34.5639

# Details

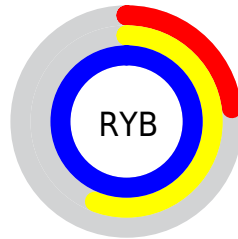
The Hex color **3ACCFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6D3A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **85FFFF**, and **0096C6** is the 20% darker color. If you saturate the color by 10%, you get **20C5FF**, and if you desaturate by 10%, it is **53D3FF**.

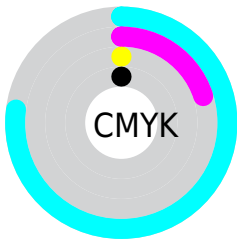
# Distribution



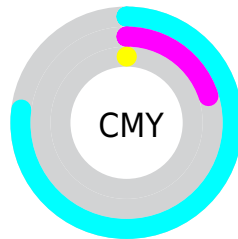
- Red (23%)
- Green (80%)
- Blue (100%)



- Red (23%)
- Yellow (56%)
- Blue (100%)



- Cyan (77%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 3ACCFE

 3ACCFE

FFFFFF

 00B0E2

 85FFFF

 0096C6

 A6FFFF

 007CAB

 C5FFFF

 006390

 E5FFFF

 004B76

 00345D

 002045

 00042F

 000119

 3ACCFF

 3ACCFF

 20C5FF

 53D3FF

 07BFFF

 6DD9FF

 00BDFF

 86E0FF

 A0E6FF

 B9EDFF

 D3F4FF

 ECFAFF

FFFFFF

# Harmonies

## Analogous

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



01D1E2



3ACCFF



83C2FF

# Triad

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



3ACCF



FFA0C0



B0C779

# Complementary

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



3ACCF



FF6D3A

# 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.



D8BB70



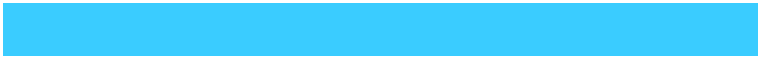
3ACCFE



FFA39A

# Square

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



3ACCFE



EDA7E6



F7AE7D



82CF95

# Rectangle

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



3ACCFE



AEB9FF



F7AE7D



BEC374

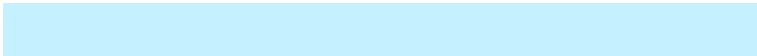


# Sweetspot

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



3ACCFE



C4F0FF



3AFF6B



5C7680



000000



808080



# Same Dimension

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



3ACCFF



12C2FF



3A6BFF



737C80



008EBF



002F40



# Inverse Universe

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



FF3ACC



FF12C2



FFCE3A



80737C



BF008E

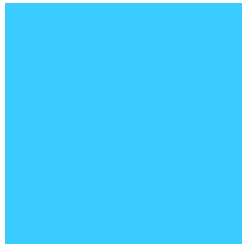


40002F



# Previews

## White Background



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

## Color Contrast Check

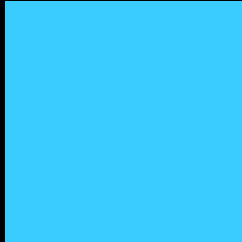
Large Text (above 18pt) WCAG AA × Fail

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 3ACCFE 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

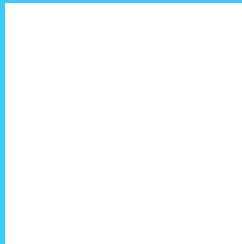
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3ACCFE Background



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

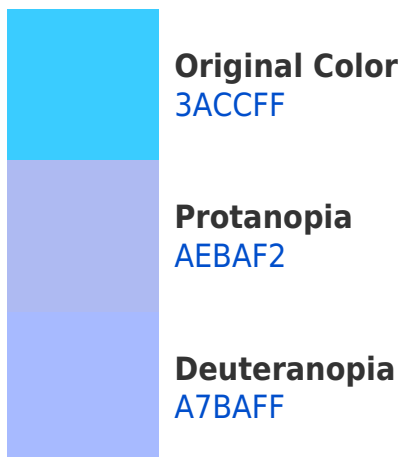


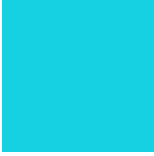
This preview shows how white text looks on a background with the Hex color 3ACCFE.

# 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](#).

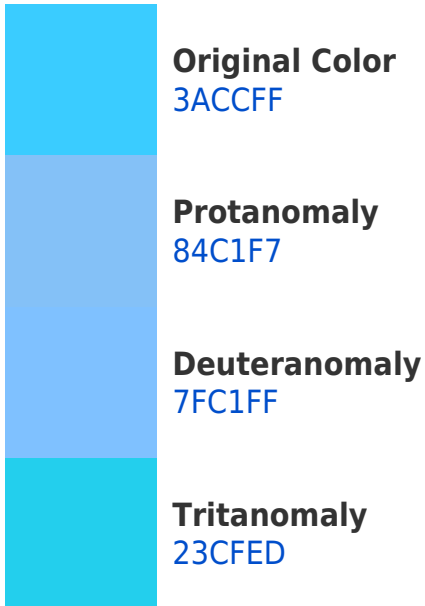
## Dichromacy



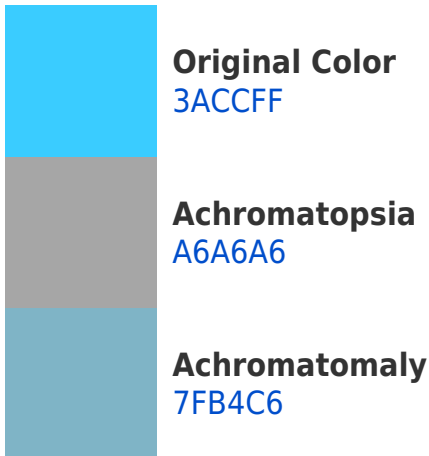


**Tritanopia**  
16D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #3ACCCF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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