

# Converting Colors

Hex(3AC3F2)

Have a look what the booklet for  
Hex(3AC3F2) contains.

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# **Color**

**Hex(3AC3F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AC3F2
RGB	58, 195, 242
RGB Percent	23%, 76%, 95%
CMY	0.7725, 0.2353, 0.0510
CMYK	0.76, 0.19, 0.00, 0.05
HSL	195°, 88%, 59%
HSV	195°, 76%, 95%
XYZ	37.2870, 46.3406, 90.9838
YIQ	159.3950, -96.7390, -14.4270

# Conversions

## Conversions Part 2

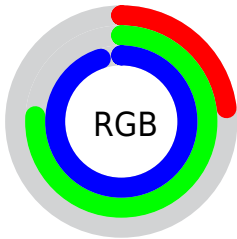
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	58, 137, 242
Decimal	3851250
CIE Lab	73.77, -20.90, -33.61
CIE LCh	74, 39.577, 238.127
Yxy	46.3406, 0.2135, 0.2654
Android (android.graphics.Color)	4282041330 (0xFF3AC3F2)
YUV	159.3950, 40.7243, -88.9234
Hunter-Lab	68.0739, -21.3571, -31.5920

# Details

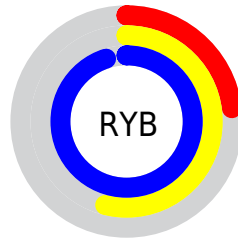
The Hex color **3AC3F2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F2693A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **83FCFF**, and **008DBA** is the 20% darker color. If you saturate the color by 10%, you get **22BDF2**, and if you desaturate by 10%, it is **52C9F2**.

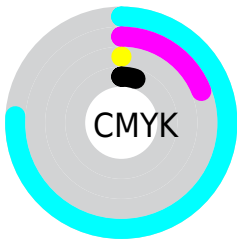
# Distribution



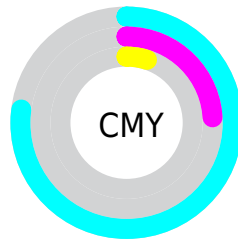
- Red (23%)
- Green (76%)
- Blue (95%)



- Red (23%)
- Yellow (54%)
- Blue (95%)



- Cyan (76%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (77%)
- Magenta (24%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AC3F2 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 3AC3F2 by changing the saturation by 10% instead.



 3AC3F2

 3AC3F2

FFFFFF

 00A8D6

 83FCFF

 008DBA

 A2FFFF

 00749F

 C2FFFF

 005B84

 E1FFFF

 00436B

 002D52

 00193B

 000225

 00010D

■ 3AC3F2

■ 3AC3F2

■ 22BDF2

■ 52C9F2

■ 0AB7F2

■ 6ACFF2

■ 00B4F2

■ 83D6F2

■ 9BDCF2

■ B3E2F2

■ CBE8F2

■ E3EEF2

■ FCF4F2

■ FFFBF2

# Harmonies

## Analogous

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



17C8D6



3AC3F2



7CBAFD

# Triad

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



3AC3F2



F899B9



AABD74

# Complementary

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



3AC3F2



F2693A

# 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.



CFB26C



3AC3F2



FB9C95

# Square

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



3AC3F2



E1A0DC



ECA679



7FC58E

# Rectangle

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



3AC3F2



A4B1FA



ECA679



B7BA6F

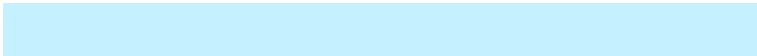


# Sweetspot

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



3AC3F2



C4F0FF



3AF268



5C7680



000000



808080



# Same Dimension

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



3AC3F2



17C4FF



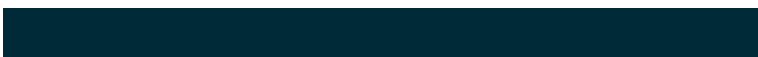
3A68F2



6C7578



0089B8



002A38



# Inverse Universe

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



F23AC3



FF17C4



F2C43A



786C75



B80089

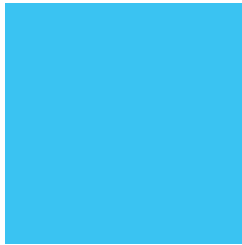


38002A



# Previews

## White Background



This preview shows how the Hex color 3AC3F2 looks on a white background.

## Color Contrast Check

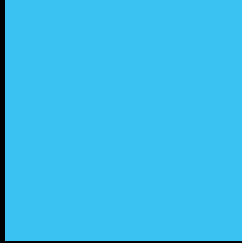
Large Text (above 18pt) WCAG AA × Fail

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 3AC3F2 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 3AC3F2 Background



This preview shows how black text looks on a background with the Hex color 3AC3F2.

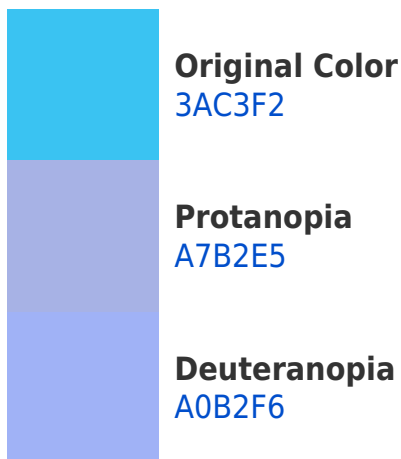


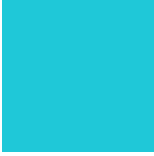
This preview shows how white text looks on a background with the Hex color 3AC3F2.

# 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](#).

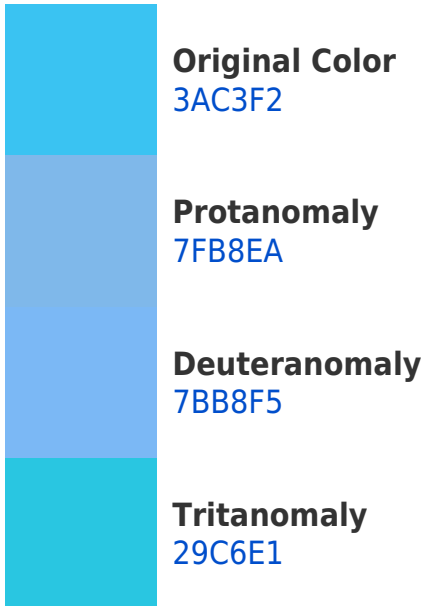
## Dichromacy



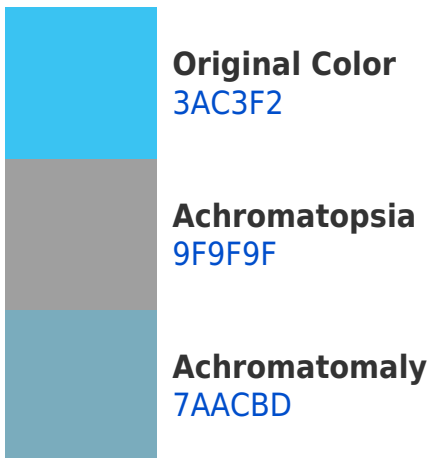


**Tritanopia**  
1FC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AC3F2 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 #3AC3F2 looks like.

```
.text, #text, p{  
    color:#3AC3F2  
}
```

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 #3AC3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AC3F2
}
```

## Border

The CSS property to change the border of an element to Hex 3AC3F2 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
#3AC3F2 }
```

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

```
.border{ border-color:#3AC3F2 }
```

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

Here you see how a box with a 4 pixel #3AC3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AC3F2; -webkit-box-shadow:4px 4px  
4px 4px #3AC3F2; box-shadow:4px 4px 4px  
4px #3AC3F2 }
```

# Background

The CSS property to change the background color of an element to Hex 3AC3F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AC3F2 }
```

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

```
.background{ background-color:#3AC3F2 }
```

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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