

# Converting Colors

Hex(39CAF4)

Have a look what the booklet for  
Hex(39CAF4) contains.

<b>Hex(39CAF4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(39CAF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39CAF4
RGB	57, 202, 244
RGB Percent	22%, 79%, 96%
CMY	0.7765, 0.2078, 0.0431
CMYK	0.77, 0.17, 0.00, 0.04
HSL	193°, 89%, 59%
HSV	193°, 77%, 96%
XYZ	39.1370, 49.6426, 93.1072
YIQ	163.4330, -99.9020, -17.6780

# Conversions

## Conversions Part 2

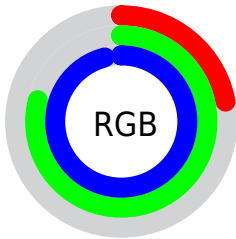
Format	Color
<a href="#">RYB</a>	<a href="#">57, 139, 244</a>
Decimal	<a href="#">3787508</a>
CIELab	<a href="#">75.85, -23.92, -31.47</a>
CIELCh	<a href="#">76, 39.532, 232.761</a>
Yxy	<a href="#">49.6426, 0.2152, 0.2729</a>
Android (android.graphics.Color)	<a href="#">4281977588 (0xFF39CAF4)</a>
YUV	<a href="#">163.4330, 39.7195, -93.3417</a>
Hunter-Lab	<a href="#">70.4575, -24.1492, -29.0295</a>

# Details

The Hex color **39CAF4** 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 **F46339**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **83FFFF**, and **0094BC** is the 20% darker color. If you saturate the color by 10%, you get **21C5F4**, and if you desaturate by 10%, it is **51CFF4**.

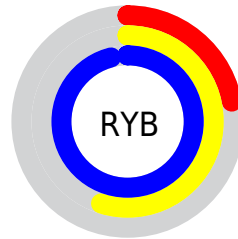
# Distribution



Red (22%)

Green (79%)

Blue (96%)



Red (22%)

Yellow (55%)

Blue (96%)

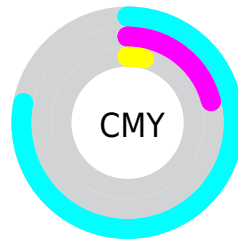


Cyan (77%)

Magenta (17%)

Yellow (0%)

Black (4%)



Cyan (78%)

Magenta (21%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39CAF4 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 39CAF4 by changing the saturation by 10% instead.



 39CAF4

 39CAF4

FFFFFF

 00AED7

 83FFFF

 0094BC

 A3FFFF

 007AA1

 C2FFFF

 006186

 E2FFFF

 00496D

 003254

 001F3D

 000327

 000110

■ 39CAF4

■ 39CAF4

■ 21C5F4

■ 51CFF4

■ 08BFF4

■ 6AD5F4

■ 00BDF4

■ 82DAF4

■ 9BE0F4

■ B3E5F4

■ CBEBF4

■ E4F0F4

■ FCF6F4

■ FFFBF4

# Harmonies

## Analogous

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



2DCED6



39CAF4



77C1FF

# Triad

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



39CAF4



FC9FC5



B7C176

# Complementary

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



39CAF4



F46339

# 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.



DBB672



39CAF4



FFA0A1

# Square

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



39CAF4



E1A8E8



F6A982



8DCA8E

# Rectangle

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



39CAF4



A0B9FF



F6A982



C4BE73

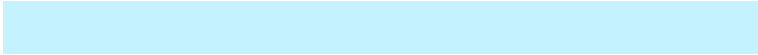


# Sweetspot

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



39CAF4



C4F2FF



39F462



5C7780



000000



808080

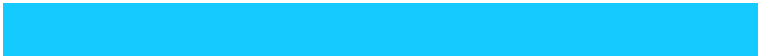


# Same Dimension

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



39CAF4



14CAFF



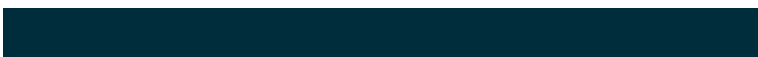
396EF4



6E787A



0090BA



002D3B



# Inverse Universe

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



F439CA



FF14CA



F4BF39



7A6E78



BA0090

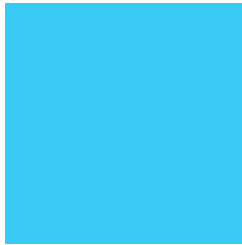


3B002D



# Previews

## White Background



This preview shows how the Hex color 39CAF4 looks on a white background.

## Color Contrast Check

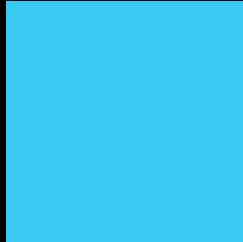
Large Text (above 18pt) WCAG AA × Fail

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 39CAF4 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 39CAF4 Background



This preview shows how black text looks on a background with the Hex color 39CAF4.

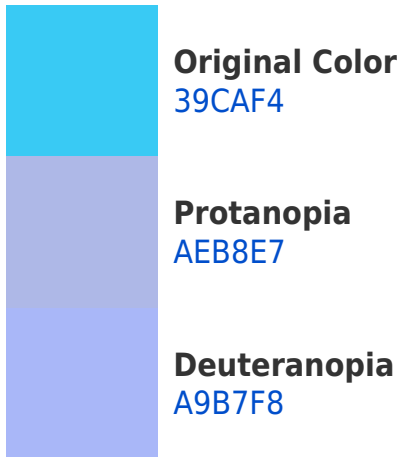


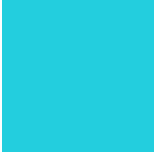
This preview shows how white text looks on a background with the Hex color 39CAF4.

# Color Blindness Simulation

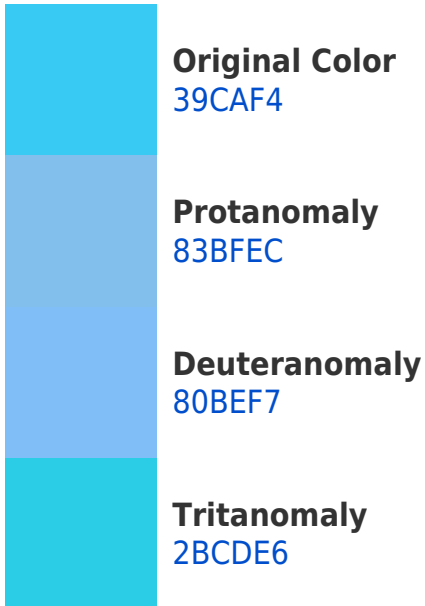
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

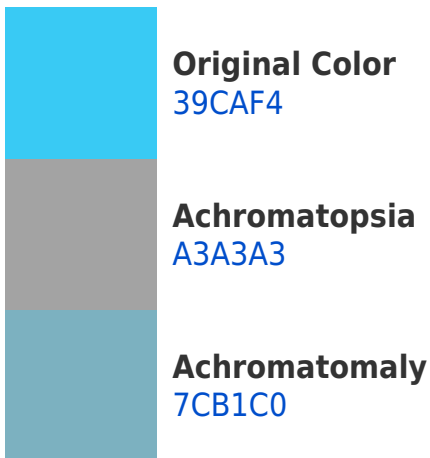




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39CAF4 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 #39CAF4 looks like.

```
.text, #text, p{  
    color:#39CAF4  
}
```

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 #39CAF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39CAF4
}
```

## Border

The CSS property to change the border of an element to Hex 39CAF4 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
#39CAF4 }
```

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

```
.border{ border-color:#39CAF4 }
```

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

Here you see how a box with a 4 pixel #39CAF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39CAF4; -webkit-box-shadow:4px 4px  
4px 4px #39CAF4; box-shadow:4px 4px 4px  
4px #39CAF4 }
```

# Background

The CSS property to change the background color of an element to Hex 39CAF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39CAF4 }
```

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

```
.background{ background-color:#39CAF4 }
```

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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