

# Converting Colors

Hex(39CFEB)

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

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# **Color**

**Hex(39CFEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39CFEB
RGB	57, 207, 235
RGB Percent	22%, 81%, 92%
CMY	0.7765, 0.1882, 0.0784
CMYK	0.76, 0.12, 0.00, 0.08
HSL	189°, 82%, 57%
HSV	189°, 76%, 92%
XYZ	38.9956, 51.4937, 86.4813
YIQ	165.3420, -98.3880, -23.0920

# Conversions

## Conversions Part 2

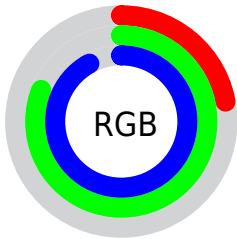
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 138, 235
Decimal	3788779
CIELab	76.98, -29.23, -24.91
CIELCh	77, 38.408, 220.440
Yxy	51.4937, 0.2204, 0.2910
Android (android.graphics.Color)	4281978859 (0xFF39CFEB)
YUV	165.3420, 34.3414, -95.0159
Hunter-Lab	71.7591, -28.5773, -21.2226

# Details

The Hex color **39CFEB** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EB5539**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **82FFFF**, and **0098B3** is the 20% darker color. If you saturate the color by 10%, you get **21CBEB**, and if you desaturate by 10%, it is **51D3EB**.

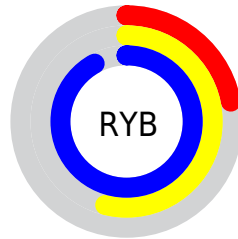
# Distribution



Red (22%)

Green (81%)

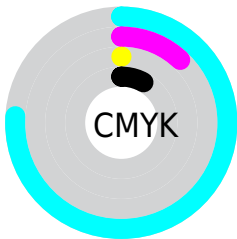
Blue (92%)



Red (22%)

Yellow (54%)

Blue (92%)

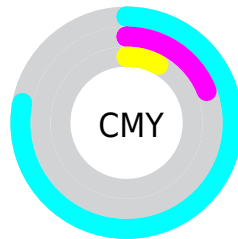


Cyan (76%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (78%)

Magenta (19%)

Yellow (8%)

# Brightness & Saturation Gradients

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



 39CFEB

 39CFEB

FFFFFF

 00B3CF

 82FFFF

 0098B3

 A2FFFF

 007E98

 C1FFFF

 00657E

 E1FFFF

 004C65

 00354D

 002236

 000221

 000006

■ 39CFEB

■ 39CFEB

■ 21CBEB

■ 51D3EB

■ 0AC8EB

■ 68D6EB

■ 00C6EB

■ 7FDAEB

■ 97DEEB

■ AFE1EB

■ C6E5EB

■ DDE9EB

■ F5EDEB

■ FFF0EB

# Harmonies

## Analogous

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



4AD1CA



39CFEB



66C8FF

# Triad

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



39CFEB



F5A6D7



CAC077

# Complementary

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



39CFEB



EB5539

# 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.



EAB47C



39CFEB



FFA3B3

# Square

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



39CFEB



D2B0F4



FFA992



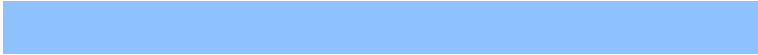
A3CA87

# Rectangle

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



39CFEB



8DC1FF



FFA992



D5BC76

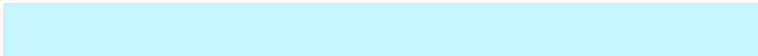


# Sweetspot

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



39CFEB



C4F6FF



39EB54



5C7A80



000000



808080



# Same Dimension

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



39CFEB



17DAFF



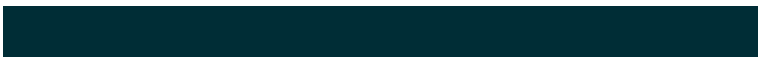
3977EB



6A7375



0099B5



002D36



# Inverse Universe

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



EB39CF



FF17DA



EBAD39



756A73



B50099

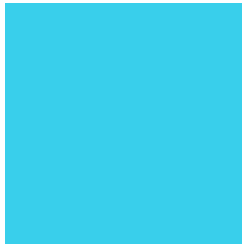


36002D



# Previews

## White Background



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

## Color Contrast Check

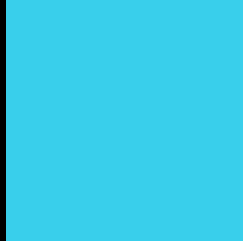
Large Text (above 18pt) WCAG AA × Fail

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 39CFEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

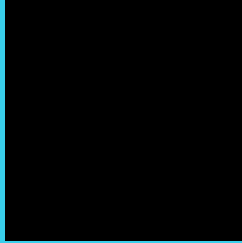
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 39CFEB Background



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



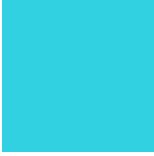
This preview shows how white text looks on a background with the Hex color 39CFEB.

# 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](#).

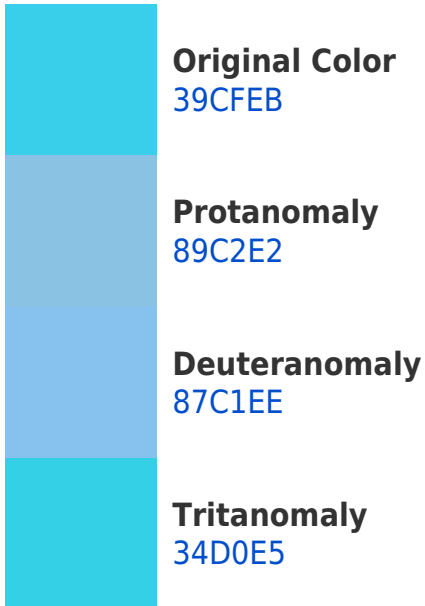
## Dichromacy



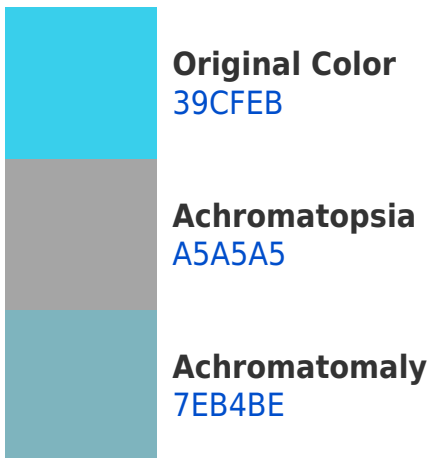


**Tritanopia**  
31D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #39CFEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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