

# Converting Colors

Hex(39EBFF)

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

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# Color

Hex(39EBFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	39EBFF
RGB	57, 235, 255
RGB Percent	22%, 92%, 100%
CMY	0.7765, 0.0784, 0.0000
CMYK	0.78, 0.08, 0.00, 0.00
HSL	186°, 100%, 61%
HSV	186°, 78%, 100%
XYZ	49.4457, 67.5065, 105.0317
YIQ	184.0580, -112.5080, -31.5160

# Conversions

## Conversions Part 2

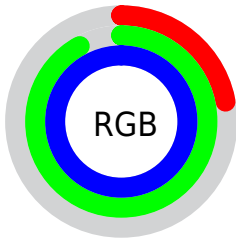
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	57, 151, 255
Decimal	3795967
CIE <sub>Lab</sub>	85.76, -36.49, -22.17
CIE <sub>LCh</sub>	86, 42.692, 211.280
Y <sub>xy</sub>	67.5065, 0.2227, 0.3041
Android (android.graphics.Color)	4281986047 (0xFF39EBFF)
YUV	184.0580, 34.9744, -111.4299
Hunter-Lab	82.1624, -36.3620, -18.2794

# Details

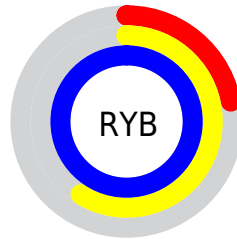
The Hex color **39EBFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4D39**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **87FFFF**, and **00B3C6** is the 20% darker color. If you saturate the color by 10%, you get **1FE8FF**, and if you desaturate by 10%, it is **52EEFF**.

# Distribution



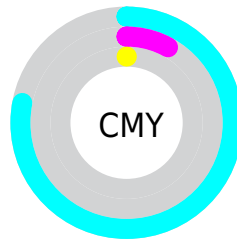
- Red (22%)
- Green (92%)
- Blue (100%)



- Red (22%)
- Yellow (59%)
- Blue (100%)



- Cyan (78%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 39EBFF

 39EBFF

FFFFFF

 00CFE2

 87FFFF

 00B3C6

 A8FFFF

 0098AB

 C9FFFF

 007D90

 E9FFFF

 006477

 004B5E

 003346

 001E30

 00011B

 39EBFF

 39EBFF

 1FE8FF

 52EEFF

 06E6FF

 6CF0FF

 00E5FF

 85F3FF

 9FF5FF

 B8F8FF

 D2FAFF

 EBFDFD

FFFFFF

# Harmonies

## Analogous

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



61ECD7



39EBFF



5DE5FF

# Triad

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



39EBFF



FFBEFE



F0D585

# Complementary

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



39EBFF



FF4D39

# 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.



FFC791



39EBFF



FFB7D6

# Square

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



39EBFF



DECBBF



FFBBAE



C5E190

# Rectangle

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



39EBFF



89DEFF



FFBBAE

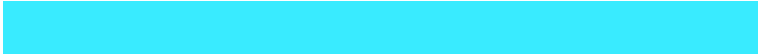


FCD086



# Sweetspot

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



39EBFF



C4F9FF



39FF4D



5C7C80



000000



808080

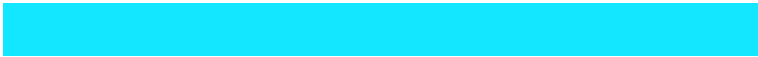


# Same Dimension

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



39EBFF



12E7FF



3988FF



737E80



00ACBF



003940



# Inverse Universe

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



FF39EB



FF12E7



FFB039



80737E



BF00AC

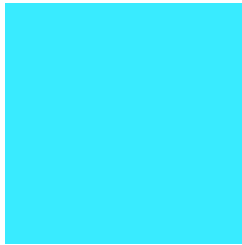


400039



# Previews

## White Background



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

## Color Contrast Check

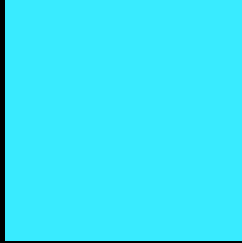
Large Text (above 18pt) WCAG AA × Fail

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 39EBFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

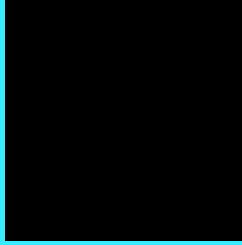
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 39EBFF Background



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

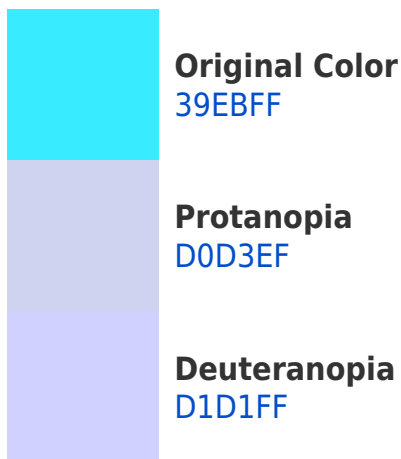


This preview shows how white text looks on a background with the Hex color 39EBFF.

# 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](#).

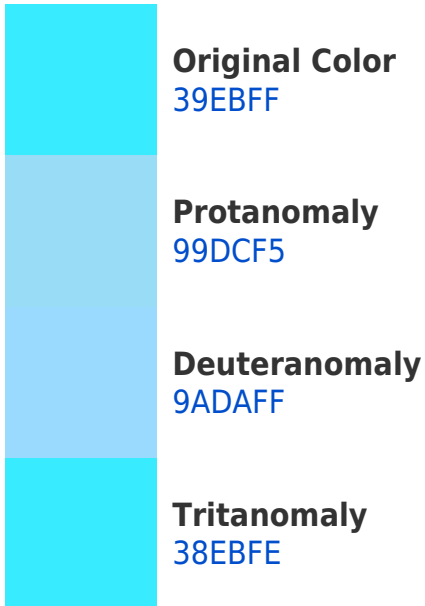
## Dichromacy





**Tritanopia**  
38EBFE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #39EBFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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