

# Converting Colors

Hex(39A8FD)

Have a look what the booklet for  
Hex(39A8FD) contains.

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# **Color**

**Hex(39A8FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39A8FD
RGB	57, 168, 253
RGB Percent	22%, 66%, 99%
CMY	0.7765, 0.3412, 0.0078
CMYK	0.77, 0.34, 0.00, 0.01
HSL	206°, 98%, 61%
HSV	206°, 77%, 99%
XYZ	33.4196, 35.9670, 98.1094
YIQ	144.5010, -93.4410, 2.9030

# Conversions

## Conversions Part 2

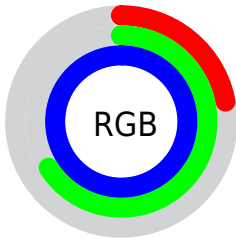
Format	Color
<a href="#">RYB</a>	<a href="#">57, 128, 253</a>
Decimal	<a href="#">3778813</a>
CIELab	<a href="#">66.49, -2.68, -50.94</a>
CIELCh	<a href="#">66, 51.011, 266.993</a>
Yxy	<a href="#">35.9670, 0.1995, 0.2147</a>
Android (android.graphics.Color)	<a href="#">4281968893 (0xFF39A8FD)</a>
YUV	<a href="#">144.5010, 53.4900, -76.7384</a>
Hunter-Lab	<a href="#">59.9725, -5.4829, -55.0122</a>

# Details

The Hex color **39A8FD** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FD8E39**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **83DFFF**, and **0074C4** is the 20% darker color. If you saturate the color by 10%, you get **209DFD**, and if you desaturate by 10%, it is **52B3FD**.

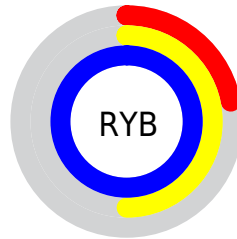
# Distribution



Red (22%)

Green (66%)

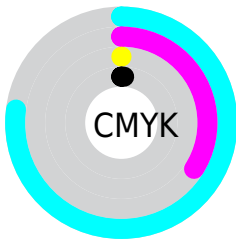
Blue (99%)



Red (22%)

Yellow (50%)

Blue (99%)

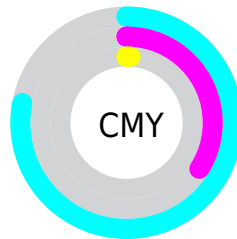


Cyan (77%)

Magenta (34%)

Yellow (0%)

Black (1%)



Cyan (78%)

Magenta (34%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39A8FD 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 39A8FD by changing the saturation by 10% instead.



 39A8FD

 39A8FD

FFFFFF

 008EE0

 83DFFF

 0074C4

 A3FBFF

 005CA8

 C2FFFF

 00458D

 E1FFFF

 003073

 001C5A

 000742

 00032B

 000115

■ 39A8FD

■ 39A8FD

■ 209DFD

■ 52B3FD

■ 0692FD

■ 6CB EFD

■ 008FFD

■ 85C9FD

■ 9ED4FD

■ B8DFFD

■ D1EAFD

■ EAF5FD

FF FFD

# Harmonies

## Analogous

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



00B3EE



39A8FD



9D98F4

# Triad

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



39A8FD



F67E7B



59B46E

# Complementary

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



39A8FD



FD8E39

# 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.



93AB4C



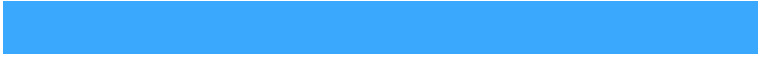
39A8FD



E38D56

# Square

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



39A8FD



F37BA8



C09E43



00B89B

# Rectangle

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



39A8FD



C68BE1



C09E43



6EB261

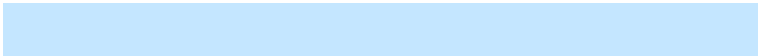


# Sweetspot

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



39A8FD



C4E6FF



39FD8E



5C7080



000000



808080



# Same Dimension

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



39A8FD



1298FF



3946FD



737A80



006CBF



002440



# Inverse Universe

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



FD39A8



FF1298



FDF039



80737A



BF006C



400024



# Previews

## White Background



This preview shows how the Hex color 39A8FD looks on a white background.

## Color Contrast Check

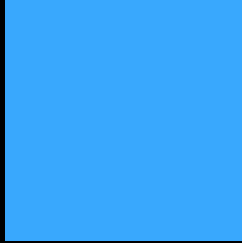
Large Text (above 18pt) WCAG AA × Fail

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 39A8FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

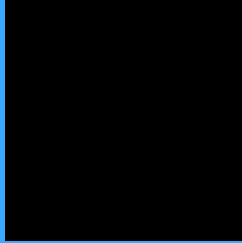
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

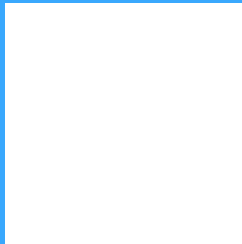
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39A8FD Background



This preview shows how black text looks on a background with the Hex color 39A8FD.

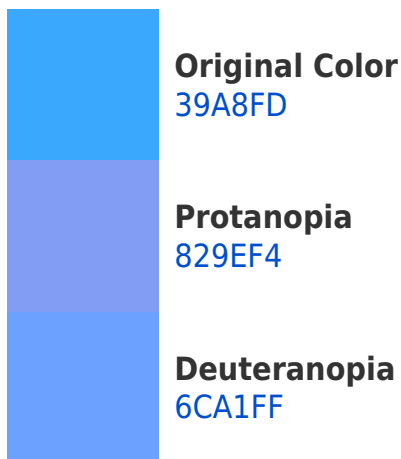


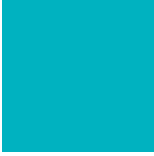
This preview shows how white text looks on a background with the Hex color 39A8FD.

# 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](#).

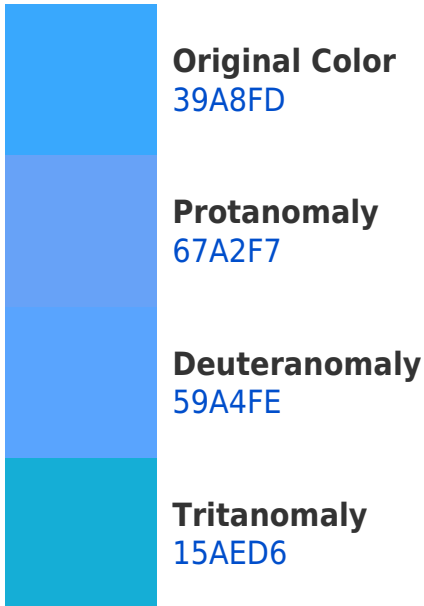
## Dichromacy



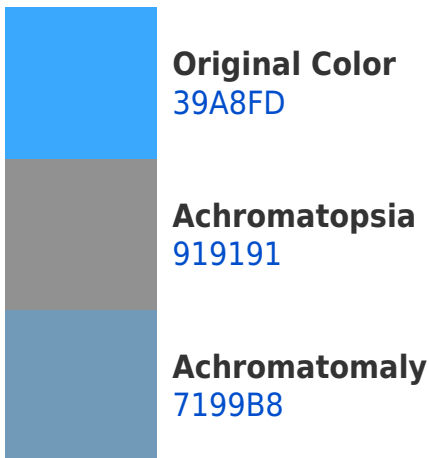


**Tritanopia**  
00B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39A8FD 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 #39A8FD looks like.

```
.text, #text, p{  
    color:#39A8FD  
}
```

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 #39A8FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A8FD
}
```

## Border

The CSS property to change the border of an element to Hex 39A8FD 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
#39A8FD }
```

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

```
.border{ border-color:#39A8FD }
```

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

Here you see how a box with a 4 pixel #39A8FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A8FD; -webkit-box-shadow:4px 4px  
4px 4px #39A8FD; box-shadow:4px 4px 4px  
4px #39A8FD }
```

# Background

The CSS property to change the background color of an element to Hex 39A8FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A8FD }
```

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

```
.background{ background-color:#39A8FD }
```

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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