

# Converting Colors

Hex(3A9FF9)

Have a look what the booklet for  
Hex(3A9FF9) contains.

<b>Hex(3A9FF9)</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(3A9FF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A9FF9
RGB	58, 159, 249
RGB Percent	23%, 62%, 98%
CMY	0.7725, 0.3765, 0.0235
CMYK	0.77, 0.36, 0.00, 0.02
HSL	208°, 94%, 60%
HSV	208°, 77%, 98%
XYZ	31.2419, 32.5354, 94.2559
YIQ	139.0610, -89.0860, 6.5780

# Conversions

## Conversions Part 2

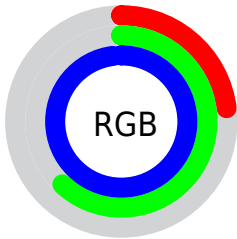
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	58, 124, 249
Decimal	3842041
CIE Lab	63.78, 1.17, -53.05
CIE LCh	64, 53.066, 271.269
Yxy	32.5354, 0.1977, 0.2059
Android (android.graphics.Color)	4282032121 (0xFF3A9FF9)
YUV	139.0610, 54.1999, -71.0905
Hunter-Lab	57.0398, -2.0512, -58.0464

# Details

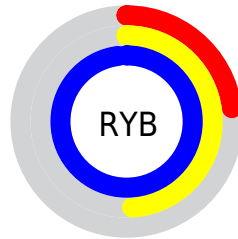
The Hex color **3A9FF9** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F9943A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **82D5FF**, and **006CC0** is the 20% darker color. If you saturate the color by 10%, you get **2193F9**, and if you desaturate by 10%, it is **53ABF9**.

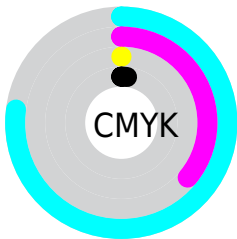
# Distribution



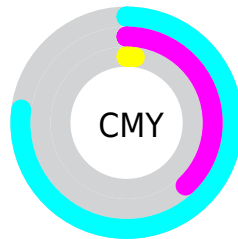
- Red (23%)
- Green (62%)
- Blue (98%)



- Red (23%)
- Yellow (49%)
- Blue (98%)



- Cyan (77%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (77%)
- Magenta (38%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A9FF9 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 3A9FF9 by changing the saturation by 10% instead.



■ 3A9FF9

■ 3A9FF9

FFFFFF

■ 0085DC

■ 82D5FF

■ 006CC0

■ A2F2FF

■ 0054A4

■ C1FFFF

■ 003E8A

■ E0FFFF

■ 002970

■ 001557

■ 00063F

■ 000328

■ 000111

■ 3A9FF9

■ 3A9FF9

■ 2193F9

■ 53ABF9

■ 0888F9

■ 6CB6F9

■ 0084F9

■ 85C2F9

■ 9ECEF9

■ B7DAF9

■ CFE5F9

■ E8F1F9

■ FFFDF9

■ FFFFF9

# Harmonies

## Analogous

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



00ABED



3A9FF9



9F8DEC

# Triad

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



3A9FF9



EF776C



41AE6B

# Complementary

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



3A9FF9



F9943A

# 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.



83A645



3A9FF9



D98747

# Square

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



3A9FF9



F0719A



B39936



00B29B

# Rectangle

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



3A9FF9



C780D6



B39936



5BAC5D

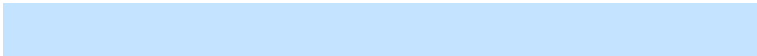


# Sweetspot

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



3A9FF9



C4E3FF



3AF993



5C6F80



000000



808080



# Same Dimension

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



3A9FF9



1490FF



3A40F9



70777D



0064BD



00203D



# Inverse Universe

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



F93A9F



FF1490



F9F33A



7D7077



BD0064



3D0020



# Previews

## White Background



This preview shows how the Hex color 3A9FF9 looks on a white background.

## Color Contrast Check

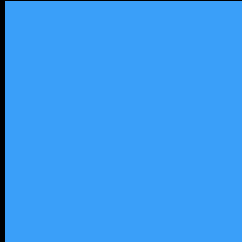
Large Text (above 18pt) WCAG AA × Fail

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 3A9FF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

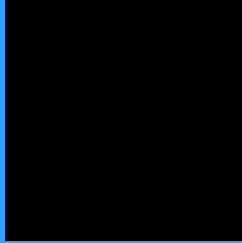
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

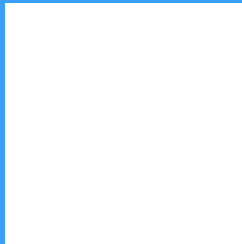
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A9FF9 Background



This preview shows how black text looks on a background with the Hex color 3A9FF9.



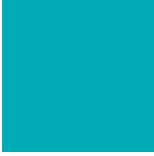
This preview shows how white text looks on a background with the Hex color 3A9FF9.

# 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](#).

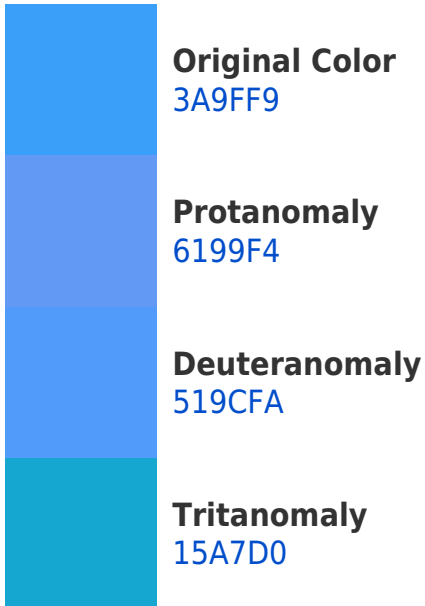
## Dichromacy





**Tritanopia**  
00ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A9FF9 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 #3A9FF9 looks like.

```
.text, #text, p{  
    color:#3A9FF9  
}
```

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 #3A9FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9FF9
}
```

## Border

The CSS property to change the border of an element to Hex 3A9FF9 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
#3A9FF9 }
```

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

```
.border{ border-color:#3A9FF9 }
```

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

Here you see how a box with a 4 pixel #3A9FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9FF9; -webkit-box-shadow:4px 4px  
4px 4px #3A9FF9; box-shadow:4px 4px 4px  
4px #3A9FF9 }
```

# Background

The CSS property to change the background color of an element to Hex 3A9FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9FF9 }
```

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

```
.background{ background-color:#3A9FF9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor