

Converting Colors

Hex(39A2FF)

Have a look what the booklet for
Hex(39A2FF) contains.

Hex(39A2FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(39A2FF)

Conversions

Conversions Part 1

Format	Color
Hex	39A2FF
RGB	57, 162, 255
RGB Percent	22%, 64%, 100%
CMY	0.7765, 0.3647, 0.0000
CMYK	0.78, 0.36, 0.00, 0.00
HSL	208°, 100%, 61%
HSV	208°, 78%, 100%
XYZ	32.6577, 33.9305, 99.4357
YIQ	141.2070, -92.4330, 6.6630

Conversions

Conversions Part 2

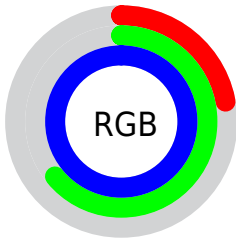
Format	Color
R _Y B	57, 126, 255
Decimal	3777279
CIE Lab	64.91, 1.46, -54.54
CIE LCh	65, 54.564, 271.537
Yxy	33.9305, 0.1967, 0.2044
Android (android.graphics.Color)	4281967359 (0xFF39A2FF)
YUV	141.2070, 56.0999, -73.8495
Hunter-Lab	58.2499, -1.8617, -60.4363

Details

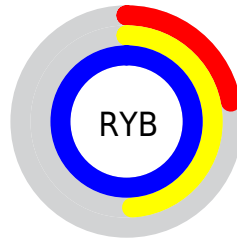
The Hex color **39A2FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF9639**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **83D8FF**, and **006FC6** is the 20% darker color. If you saturate the color by 10%, you get **1F96FF**, and if you desaturate by 10%, it is **52AEFF**.

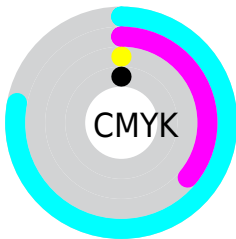
Distribution



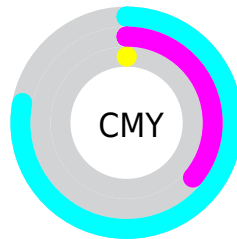
- Red (22%)
- Green (64%)
- Blue (100%)



- Red (22%)
- Yellow (49%)
- Blue (100%)



- Cyan (78%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39A2FF 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 39A2FF by changing the saturation by 10% instead.

 39A2FF

 39A2FF

FFFFFF

 0088E2


 83D8FF

 006FC6

 A3F5FF

 0057AA


 C2FFFF

 00408F

 E2FFFF

 002B75

 00185C

 000743

 00032C

 000117

 39A2FF

 39A2FF

 1F96FF

 52AEFF

 068AFF

 6CBAFF

 0087FF

 85C6FF

 9FD2FF

 B8DEFF

 D2EAFF

 EBF6FF

FFFFFF

Harmonies

Analogous

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



00AFF3



39A2FF



A390F1

Triad

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



39A2FF



F4786D



3FB26D

Complementary

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



39A2FF



FF9639

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.



85A945



39A2FF



DD8A47

Square

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



39A2FF



F5729D



B69C36



00B59F

Rectangle

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



39A2FF



CC82DB



B69C36



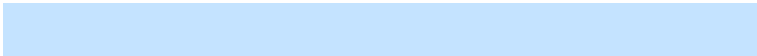
5BB05E

Sweetspot

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



39A2FF



C4E3FF



39FF95



5C6F80



000000



808080

Same Dimension

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



39A2FF



1290FF



3940FF



737A80



0065BF



002240

Inverse Universe

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



FF39A2



FF1290



FFF839



80737A



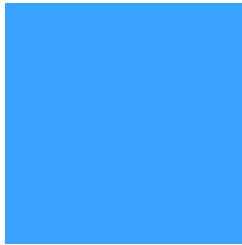
BF0065



400022

Previews

White Background



This preview shows how the Hex color 39A2FF looks on a white background.

Color Contrast Check

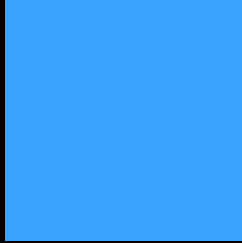
Large Text (above 18pt) WCAG AA × Fail

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 39A2FF 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

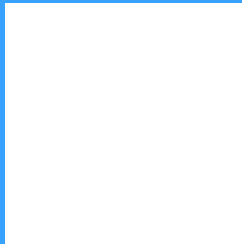
Any Text WCAG AAA ✓ Pass

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

Hex 39A2FF Background



This preview shows how black text looks on a background with the Hex color 39A2FF.

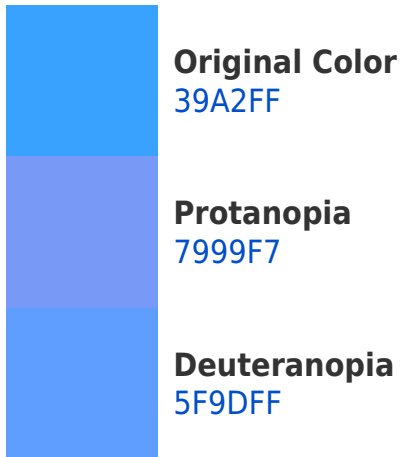


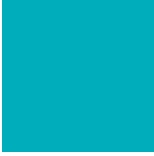
This preview shows how white text looks on a background with the Hex color 39A2FF.

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](#).

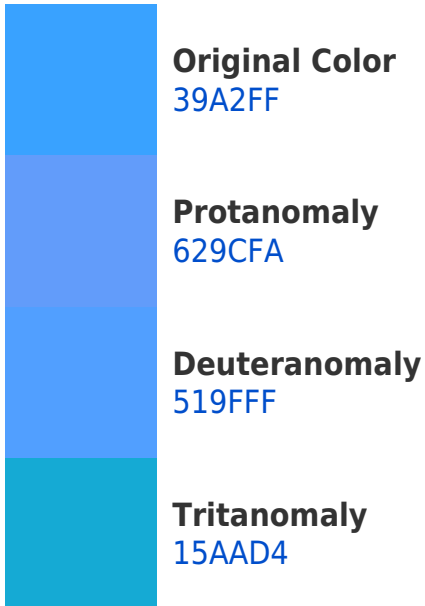
Dichromacy



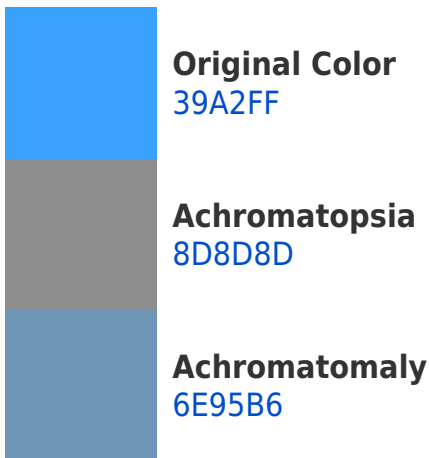


Tritanopia
00AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39A2FF 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 #39A2FF looks like.

```
.text, #text, p{  
    color:#39A2FF  
}
```

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 #39A2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A2FF
}
```

Border

The CSS property to change the border of an element to Hex 39A2FF 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
#39A2FF }
```

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

```
.border{ border-color:#39A2FF }
```

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

Here you see how a box with a 4 pixel #39A2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A2FF; -webkit-box-shadow:4px 4px  
4px 4px #39A2FF; box-shadow:4px 4px 4px  
4px #39A2FF }
```

Background

The CSS property to change the background color of an element to Hex 39A2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A2FF }
```

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

```
.background{ background-color:#39A2FF }
```

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