

Converting Colors

Hex(39B5FF)

Have a look what the booklet for
Hex(39B5FF) contains.

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Color

Hex(39B5FF)

Conversions

Conversions Part 1

Format	Color
Hex	39B5FF
RGB	57, 181, 255
RGB Percent	22%, 71%, 100%
CMY	0.7765, 0.2902, 0.0000
CMYK	0.78, 0.29, 0.00, 0.00
HSL	202°, 100%, 61%
HSV	202°, 78%, 100%
XYZ	36.2612, 41.1376, 100.6369
YIQ	152.3600, -97.6580, -3.2740

Conversions

Conversions Part 2

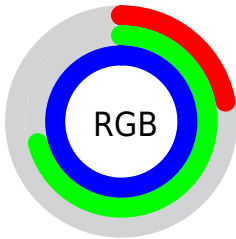
Format	Color
R _{YB}	57, 133, 255
Decimal	3782143
CIE _{Lab}	70.27, -9.23, -46.07
CIE _{LCh}	70, 46.988, 258.676
Yxy	41.1376, 0.2037, 0.2311
Android (android.graphics.Color)	4281972223 (0xFF39B5FF)
YUV	152.3600, 50.6015, -83.6307
Hunter-Lab	64.1386, -11.3263, -48.1322

Details

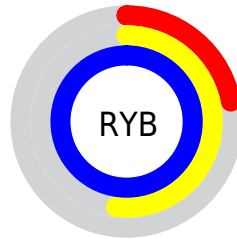
The Hex color **39B5FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF8339**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **83EDFF**, and **0080C6** is the 20% darker color. If you saturate the color by 10%, you get **1FABFF**, and if you desaturate by 10%, it is **52BFFF**.

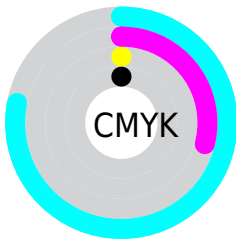
Distribution



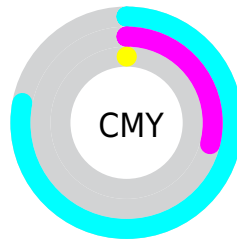
- Red (22%)
- Green (71%)
- Blue (100%)



- Red (22%)
- Yellow (52%)
- Blue (100%)



- Cyan (78%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39B5FF 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 39B5FF by changing the saturation by 10% instead.

 39B5FF

 39B5FF

FFFFFF

 009AE2

 83EDFF

 0080C6

 A3FFFF

 0068AA

 C3FFFF

 00508F

 E2FFFF

 003975

 00245C

 000944

 00032D

 000118

 39B5FF

 39B5FF

 1FABFF

 52BFFF

 06A2FF

 6CC8FF

 00A0FF

 85D2FF

 9FDBFF

 B8E5FF

 D2EEFF

 EBF8FF

FFFFFF

Harmonies

Analogous

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



00BEEB



39B5FF



96A7FD

Triad

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



39B5FF



FD8A93



7BBC72

Complementary

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



39B5FF



FF8339

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.



ACB258



39B5FF



F1946D

Square

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



39B5FF



F38ABE



D4A457



35C19A

Rectangle

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



39B5FF



C09CEF



D4A457



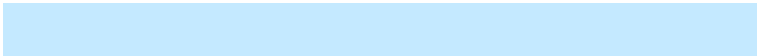
8CB967

Sweetspot

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



39B5FF



C4E9FF



39FF82



5C7280



000000



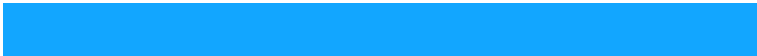
808080

Same Dimension

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



39B5FF



12A6FF



3953FF



737B80



0078BF



002840

Inverse Universe

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



FF39B5



FF12A6



FFE539



80737B



BF0078



400028

Previews

White Background



This preview shows how the Hex color 39B5FF looks on a white background.

Color Contrast Check

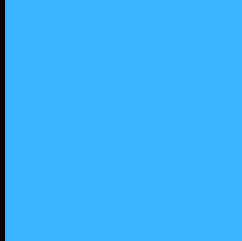
Large Text (above 18pt) WCAG AA × Fail

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 39B5FF 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

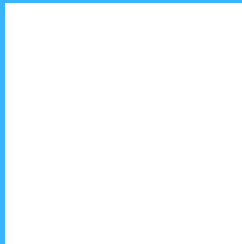
Any Text WCAG AAA ✓ Pass

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

Hex 39B5FF Background



This preview shows how black text looks on a background with the Hex color 39B5FF.

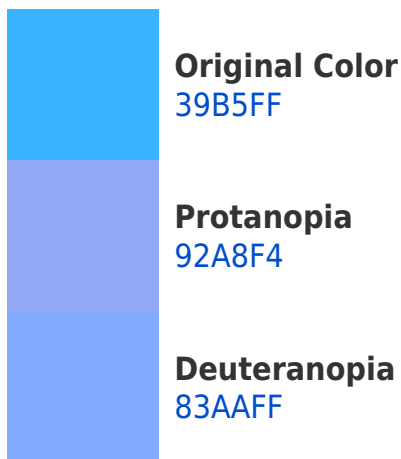


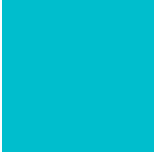
This preview shows how white text looks on a background with the Hex color 39B5FF.

Color Blindness Simulation

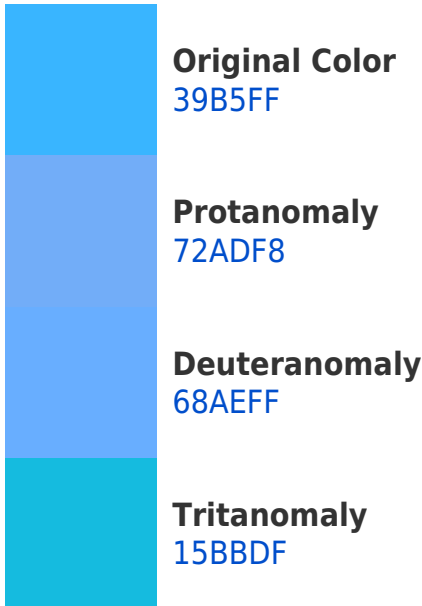
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

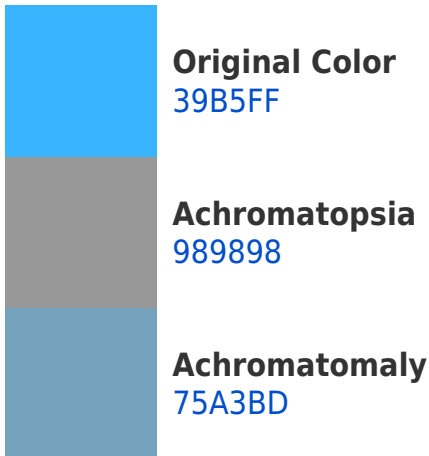




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39B5FF 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 #39B5FF looks like.

```
.text, #text, p{  
    color:#39B5FF  
}
```

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 #39B5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39B5FF
}
```

Border

The CSS property to change the border of an element to Hex 39B5FF 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
#39B5FF }
```

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

```
.border{ border-color:#39B5FF }
```

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

Here you see how a box with a 4 pixel #39B5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39B5FF; -webkit-box-shadow:4px 4px  
4px 4px #39B5FF; box-shadow:4px 4px 4px  
4px #39B5FF }
```

Background

The CSS property to change the background color of an element to Hex 39B5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39B5FF }
```

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

```
.background{ background-color:#39B5FF }
```

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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