

Converting Colors

Hex(39B8F0)

Have a look what the booklet for
Hex(39B8F0) contains.

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Color

Hex(39B8F0)

Conversions

Conversions Part 1

Format	Color
Hex	39B8F0
RGB	57, 184, 240
RGB Percent	22%, 72%, 94%
CMY	0.7765, 0.2784, 0.0588
CMYK	0.76, 0.23, 0.00, 0.06
HSL	198°, 86%, 58%
HSV	198°, 76%, 94%
XYZ	34.5560, 41.4421, 88.6159
YIQ	152.4110, -93.6680, -9.5080

Conversions

Conversions Part 2

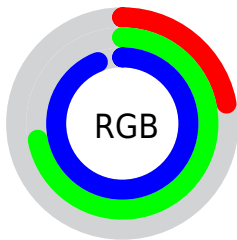
Format	Color
RYB	57, 132, 240
Decimal	3782896
CIELab	70.48, -15.92, -37.62
CIELCh	70, 40.848, 247.065
Yxy	41.4421, 0.2099, 0.2518
Android (android.graphics.Color)	4281972976 (0xFF39B8F0)
YUV	152.4110, 43.1814, -83.6754
Hunter-Lab	64.3755, -16.8406, -36.5525

Details

The Hex color **39B8F0** 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 **F07139**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **81F0FF**, and **0083B8** is the 20% darker color. If you saturate the color by 10%, you get **21B1F0**, and if you desaturate by 10%, it is **51BFF0**.

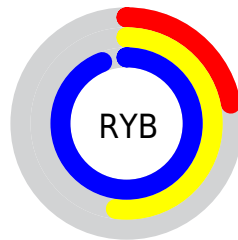
Distribution



Red (22%)

Green (72%)

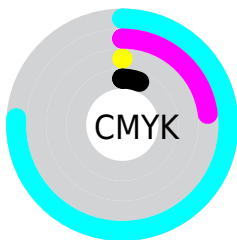
Blue (94%)



Red (22%)

Yellow (52%)

Blue (94%)

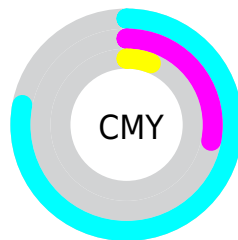


Cyan (76%)

Magenta (23%)

Yellow (0%)

Black (6%)



Cyan (78%)

Magenta (28%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39B8F0 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 39B8F0 by changing the saturation by 10% instead.

 39B8F0

 39B8F0

FFFFFF

 009DD4

 81F0FF

 0083B8

 A1FFFF

 006A9D

 C0FFFF

 005282

 DFFFFF

 003B69

FEFFFF

 002550

 000939

 000223

 00000A

 39B8F0

 39B8F0

 21B1F0

 51BFF0

 09A9F0

 69C7F0

 00A7F0

 81CEF0

 99D5F0

 B1DDF0

 C9E4F0

 E1EBF0

 F9F3F0

 FFFAF0

Harmonies

Analogous

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



00BED8



39B8F0



83ADF6

Triad

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



39B8F0



F38FA5



94B770

Complementary

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



39B8F0



F07139

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.



BCAD61



39B8F0



F09481

Square

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



39B8F0



E293CA



DCA068



65BE8E

Rectangle

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



39B8F0



ABA4EE



DCA068



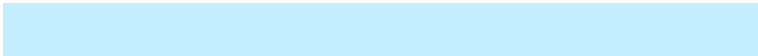
A2B469

Sweetspot

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



39B8F0



C4EDFF



39F070



5C7580



000000



808080

Same Dimension

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



39B8F0



14B7FF



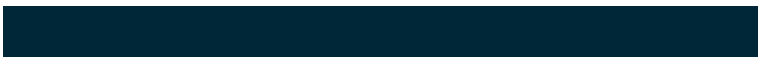
395EF0



6C7478



007FB8



002738

Inverse Universe

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



F039B8



FF14B7



F0CB39



786C74



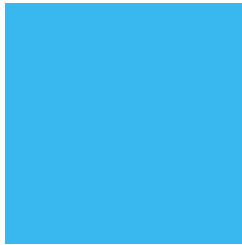
B8007F



380027

Previews

White Background



This preview shows how the Hex color 39B8F0 looks on a white background.

Color Contrast Check

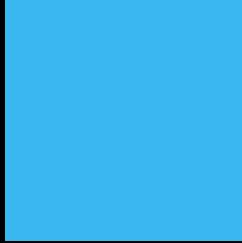
Large Text (above 18pt) WCAG AA × Fail

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 39B8F0 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

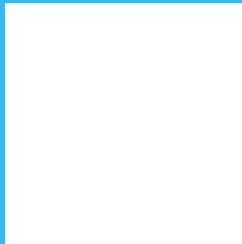
Any Text WCAG AAA ✓ Pass

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

Hex 39B8F0 Background



This preview shows how black text looks on a background with the Hex color 39B8F0.

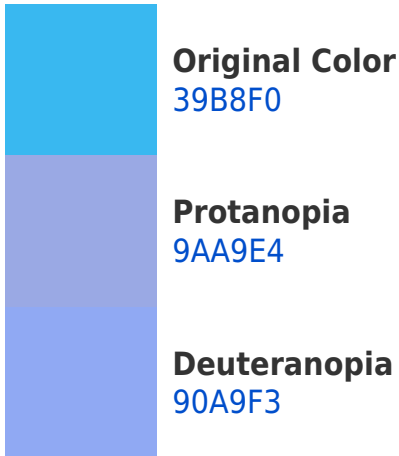


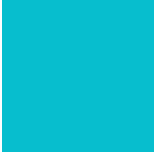
This preview shows how white text looks on a background with the Hex color 39B8F0.

Color Blindness Simulation

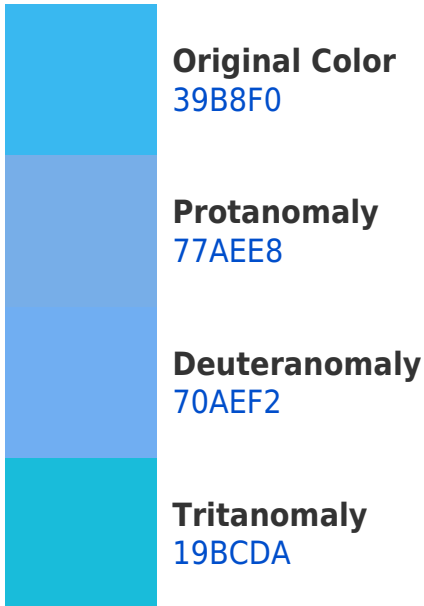
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

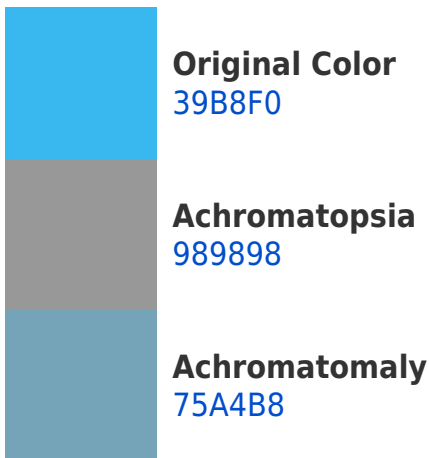




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39B8F0 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 #39B8F0 looks like.

```
.text, #text, p{  
    color:#39B8F0  
}
```

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 #39B8F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39B8F0
}
```

Border

The CSS property to change the border of an element to Hex 39B8F0 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
#39B8F0 }
```

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

```
.border{ border-color:#39B8F0 }
```

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

Here you see how a box with a 4 pixel #39B8F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39B8F0; -webkit-box-shadow:4px 4px  
4px 4px #39B8F0; box-shadow:4px 4px 4px  
4px #39B8F0 }
```

Background

The CSS property to change the background color of an element to Hex 39B8F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39B8F0 }
```

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

```
.background{ background-color:#39B8F0 }
```

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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