

Converting Colors

Hex(39BDF0)

Have a look what the booklet for
Hex(39BDF0) contains.

| | |
|--|----|
| Hex(39BDF0) | 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(39BDF0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 39BDF0 |
| RGB | 57, 189, 240 |
| RGB Percent | 22%, 74%, 94% |
| CMY | 0.7765, 0.2588, 0.0588 |
| CMYK | 0.76, 0.21, 0.00, 0.06 |
| HSL | 197°, 86%, 58% |
| HSV | 197°, 76%, 94% |
| XYZ | 35.6131, 43.5563, 88.9683 |
| YIQ | 155.3460, -95.0430, -12.1230 |

Conversions

Conversions Part 2

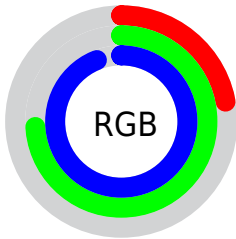
| Format | Color |
|-------------------------------------|---|
| RYB | 57, 134, 240 |
| Decimal | 3784176 |
| CIELab | 71.93, -18.55, -35.37 |
| CIELCh | 72, 39.941, 242.327 |
| Yxy | 43.5563, 0.2118, 0.2591 |
| Android (android.graphics.Color) | 4281974256 (0xFF39BDF0) |
| YUV | 155.3460, 41.7344, -86.2494 |
| Hunter-Lab | 65.9972, -19.1738, -33.7285 |

Details

The Hex color **39BDF0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F06C39**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **81F5FF**, and **0088B8** is the 20% darker color. If you saturate the color by 10%, you get **21B6F0**, and if you desaturate by 10%, it is **51C4F0**.

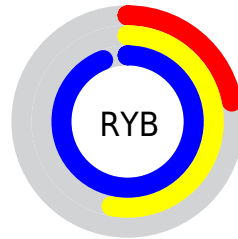
Distribution



Red (22%)

Green (74%)

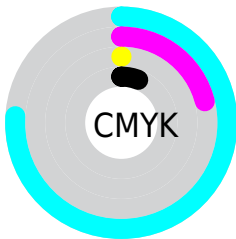
Blue (94%)



Red (22%)

Yellow (53%)

Blue (94%)

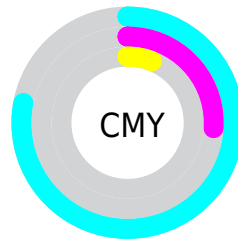


Cyan (76%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (78%)

Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39BDF0 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 39BDF0 by changing the saturation by 10% instead.

 39BDF0

 39BDF0

FFFFFF

 00A2D4

 81F5FF

 0088B8

 A1FFFF

 006E9D

 C0FFFF

 005682

 DFFFFF

 003E69

 002951

 001139

 000223

 00000A

 39BDF0

 39BDF0

 21B6F0

 51C4F0

 09B0F0

 69CAF0

 00ADF0

 81D1F0

 99D8F0

 B1DEF0

 C9E5F0

 E1ECF0

 F9F3F0

 FFF9F0

Harmonies

Analogous

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



00C3D6



39BDF0



7FB3F9

Triad

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



39BDF0



F594AF



9FBA71

Complementary

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



39BDF0



F06C39

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.



C5AF67



39BDF0



F5978B

Square

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



39BDF0



E199D3



E4A271



73C18D

Rectangle

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



39BDF0



A7AAF4



E4A271



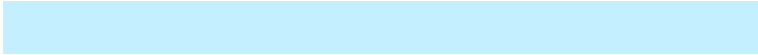
ACB76B

Sweetspot

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



39BDF0



C4EFFF



39F06A



5C7680



000000



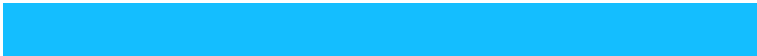
808080

Same Dimension

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



39BDF0



14BEFF



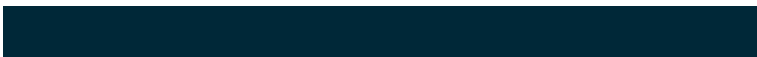
3964F0



6C7578



0084B8



002838

Inverse Universe

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



F039BD



FF14BE



F0C539



786C75



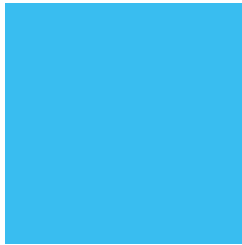
B80084



380028

Previews

White Background



This preview shows how the Hex color 39BDF0 looks on a white background.

Color Contrast Check

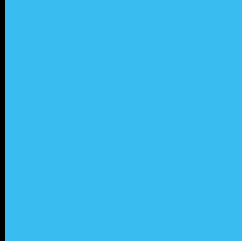
Large Text (above 18pt) WCAG AA × Fail

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 39BDF0 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

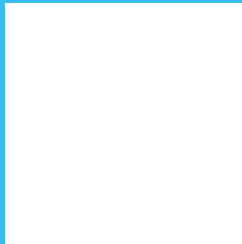
Any Text WCAG AAA ✓ Pass

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

Hex 39BDF0 Background



This preview shows how black text looks on a background with the Hex color 39BDF0.

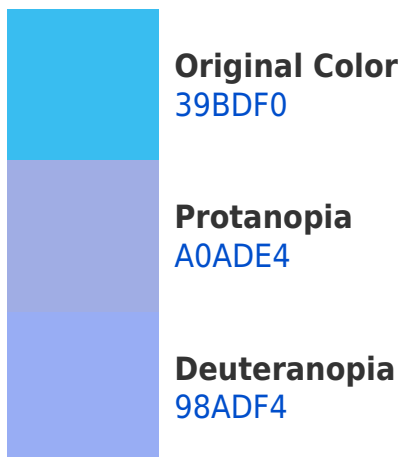


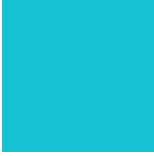
This preview shows how white text looks on a background with the Hex color 39BDF0.

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](#).

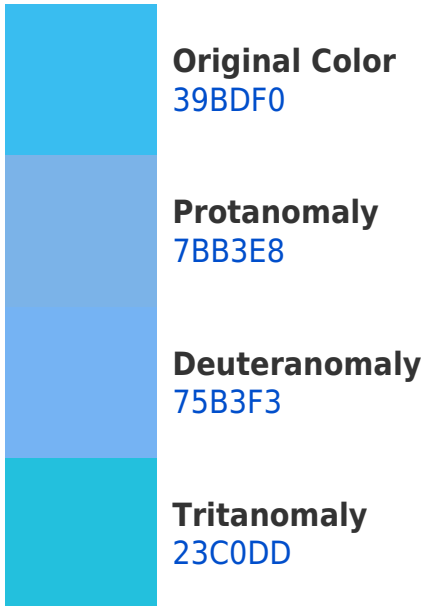
Dichromacy



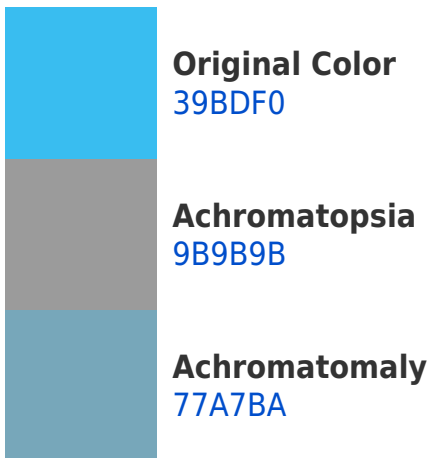


Tritanopia
16C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39BDF0 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 #39BDF0 looks like.

```
.text, #text, p{  
    color:#39BDF0  
}
```

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 #39BDF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BDF0
}
```

Border

The CSS property to change the border of an element to Hex 39BDF0 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
#39BDF0 }
```

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

```
.border{ border-color:#39BDF0 }
```

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

Here you see how a box with a 4 pixel #39BDF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BDF0; -webkit-box-shadow:4px 4px  
4px 4px #39BDF0; box-shadow:4px 4px 4px  
4px #39BDF0 }
```

Background

The CSS property to change the background color of an element to Hex 39BDF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BDF0 }
```

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

```
.background{ background-color:#39BDF0 }
```

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