

# Converting Colors

Hex(38CFEF)

Have a look what the booklet for  
Hex(38CFEF) contains.

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# **Color**

**Hex(38CFEF)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 38CFEF                        |
| RGB         | 56, 207, 239                  |
| RGB Percent | 22%, 81%, 94%                 |
| CMY         | 0.7804, 0.1882, 0.0627        |
| CMYK        | 0.77, 0.13, 0.00, 0.06        |
| HSL         | 190°, 85%, 58%                |
| HSV         | 190°, 77%, 94%                |
| XYZ         | 39.5237, 51.6984, 89.5570     |
| YIQ         | 165.4990, -100.2680, -22.0600 |

# Conversions

## Conversions Part 2

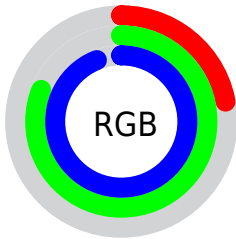
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 56, 139, 239                   |
| Decimal                             | 3723247                        |
| CIELab                              | 77.10, -28.09, -26.87          |
| CIELCh                              | 77, 38.875, 223.727            |
| Yxy                                 | 51.6984, 0.2186,<br>0.2860     |
| Android<br>(android.graphics.Color) | 4281913327<br>(0xFF38CFEF)     |
| YUV                                 | 165.4990, 36.2360,<br>-96.0306 |
| Hunter-Lab                          | 71.9016, -27.7079,<br>-23.5175 |

# Details

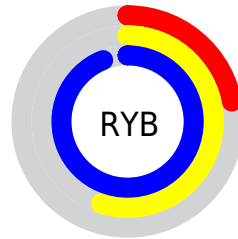
The Hex color **38CFEF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF5838**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **82FFFF**, and **0098B7** is the 20% darker color. If you saturate the color by 10%, you get **20CBEF**, and if you desaturate by 10%, it is **50D3EF**.

# Distribution



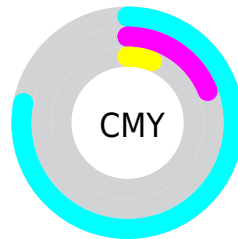
- Red (22%)
- Green (81%)
- Blue (94%)



- Red (22%)
- Yellow (55%)
- Blue (94%)



- Cyan (77%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (78%)
- Magenta (19%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38CFEF 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 38CFEF by changing the saturation by 10% instead.



 38CFEF

 38CFEF

FFFFFF

 00B3D3

 82FFFF

 0098B7

 A2FFFF

 007E9C

 C2FFFF

 006582

 E1FFFF

 004C69

 003550

 002239

 000224

 00000B

 38CFEF

 38CFEF

 20CB EF

 50D3 EF

 08C7 EF

 68D7 EF

 00C5 EF

 80DCE F

 98E0 EF

 AFE4 EF

 C7E8 EF

 DFCE EF

 F7F0 EF

 FFF5 EF

# Harmonies

## Analogous

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



44D2CE



38CFEF



6BC8FF

# Triad

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



38CFEF



F8A5D3



C6C178

# Complementary

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



38CFEF



EF5838

# 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.



E8B57A



38CFEF



FFA3AF

# Square

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



38CFEF



D8AFF3



FEAA8E



9ECB89

# Rectangle

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



38CFEF



93C0FF



FEAA8E



D2BE76

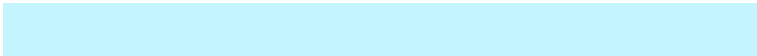


# Sweetspot

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



38CFEF



C4F5FF



38EF56



5C7980



000000



808080

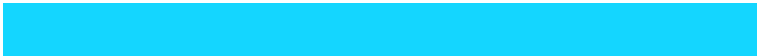


# Same Dimension

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



38CFEF



14D6FF



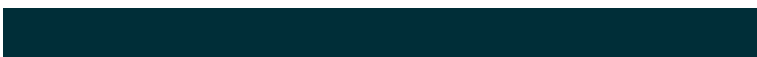
3875EF



6C7678



0097B8



002E38



# Inverse Universe

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



EF38CF



FF14D6



EFB238



786C76



B80097

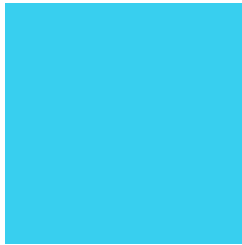


38002E



# Previews

## White Background



This preview shows how the Hex color 38CFEF looks on a white background.

## Color Contrast Check

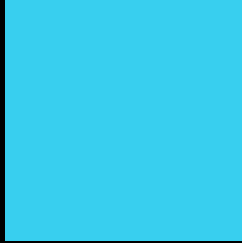
Large Text (above 18pt) WCAG AA × Fail

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 38CFEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

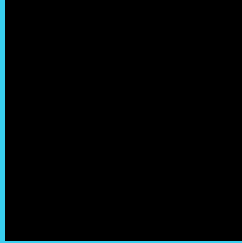
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 38CFEF Background



This preview shows how black text looks on a background with the Hex color 38CFEF.

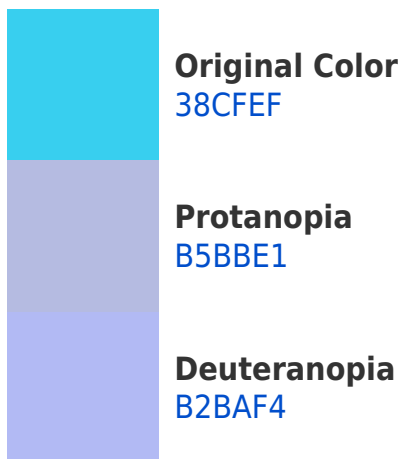


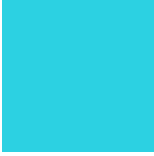
This preview shows how white text looks on a background with the Hex color 38CFEF.

# 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](#).

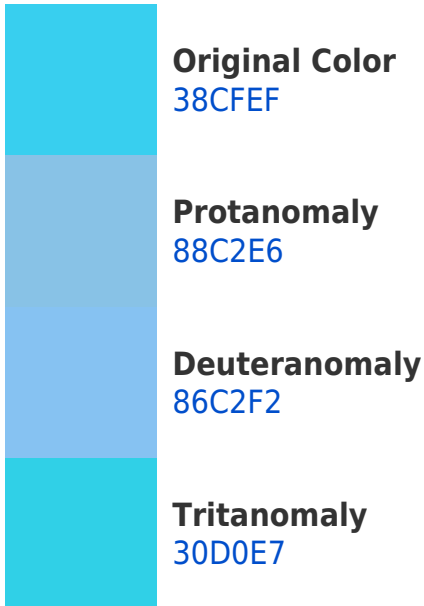
## Dichromacy



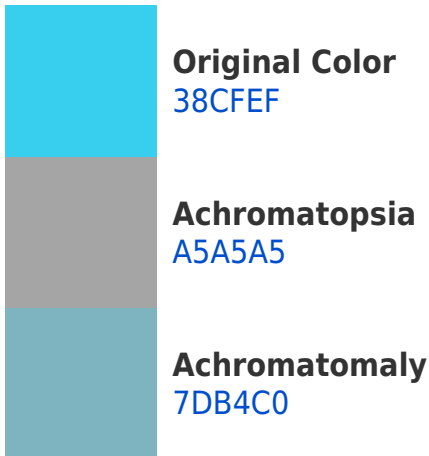


**Tritanopia**  
2CD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38CFEF 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 #38CFEF looks like.

```
.text, #text, p{  
    color:#38CFEF  
}
```

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 #38CFEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38CFEF
}
```

## Border

The CSS property to change the border of an element to Hex 38CFEF 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
#38CFEF }
```

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

```
.border{ border-color:#38CFEF }
```

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

Here you see how a box with a 4 pixel #38CFEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38CFEF; -webkit-box-shadow:4px 4px  
4px 4px #38CFEF; box-shadow:4px 4px 4px  
4px #38CFEF }
```

# Background

The CSS property to change the background color of an element to Hex 38CFEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38CFEF }
```

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

```
.background{ background-color:#38CFEF }
```

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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