

Converting Colors

Hex(34C8EF)

Have a look what the booklet for
Hex(34C8EF) contains.

Hex(34C8EF)	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(34C8EF)

Conversions

Conversions Part 1

Format	Color
Hex	34C8EF
RGB	52, 200, 239
RGB Percent	20%, 78%, 94%
CMY	0.7961, 0.2157, 0.0627
CMYK	0.78, 0.16, 0.00, 0.06
HSL	193°, 85%, 57%
HSV	193°, 78%, 94%
XYZ	37.6504, 48.2706, 88.9941
YIQ	160.1940, -100.7270, -19.2470

Conversions

Conversions Part 2

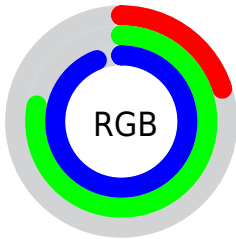
Format	Color
R _{YB}	52, 135, 239
Decimal	3459311
CIE Lab	75.00, -25.01, -30.11
CIE LCh	75, 39.141, 230.281
Yxy	48.2706, 0.2152, 0.2760
Android (android.graphics.Color)	4281649391 (0xFF34C8EF)
YUV	160.1940, 38.8514, -94.8861
Hunter-Lab	69.4771, -24.8536, -27.3114

Details

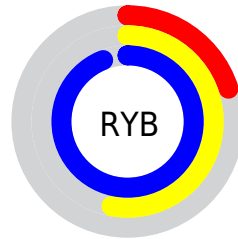
The Hex color **34C8EF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF5B34**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7FFFFFFF**, and **0092B7** is the 20% darker color. If you saturate the color by 10%, you get **1CC3EF**, and if you desaturate by 10%, it is **4CCDEF**.

Distribution



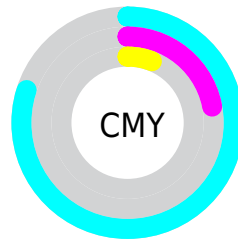
- Red (20%)
- Green (78%)
- Blue (94%)



- Red (20%)
- Yellow (53%)
- Blue (94%)



- Cyan (78%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (80%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34C8EF 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 34C8EF by changing the saturation by 10% instead.

 34C8EF

 34C8EF

FFFFFF

 00ADD3

 7FFFFFF

 0092B7

 9FFFFFF

 00789C

 BFFFFFF

 005F82

 DEFFFF

 004768

FEFFFF

 003050

 001D39

 000223

 00000A

 34C8EF

 34C8EF

 1CC3EF

 4CCDEF

 04BEEF

 64D2EF

 00BDEF

 7CD7EF

 94DCEF

 ABE1EF

 C3E6EF

 DBEBEF

 F3F0EF

 FFF5EF

Harmonies

Analogous

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



30CCD0



34C8EF



71C0FF

Triad

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



34C8EF



F79EC6



B8BE74

Complementary

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



34C8EF



EF5B34

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.



DBB271



34C8EF



FF9EA1

Square

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



34C8EF



DBA7E7



F5A683



8EC789

Rectangle

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



34C8EF



99B8FF



F5A683



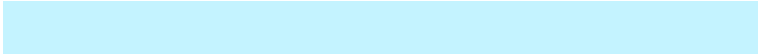
C4BA71

Sweetspot

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



34C8EF



C4F3FF



34EF59



5C7880



000000



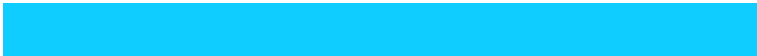
808080

Same Dimension

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



34C8EF



0FCDFE



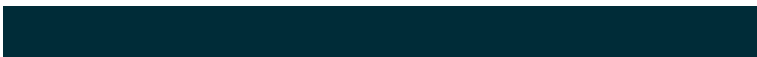
346CEF



6C7578



0091B8



002C38

Inverse Universe

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



EF34C8



FF0FCD



EFB734



786C75



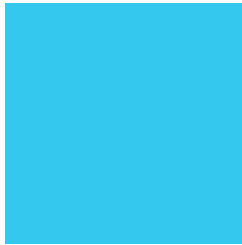
B80091



38002C

Previews

White Background



This preview shows how the Hex color 34C8EF looks on a white background.

Color Contrast Check

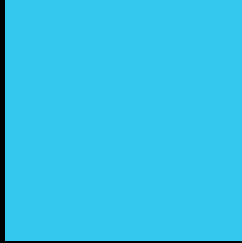
Large Text (above 18pt) WCAG AA × Fail

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 34C8EF 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 34C8EF Background



This preview shows how black text looks on a background with the Hex color 34C8EF.

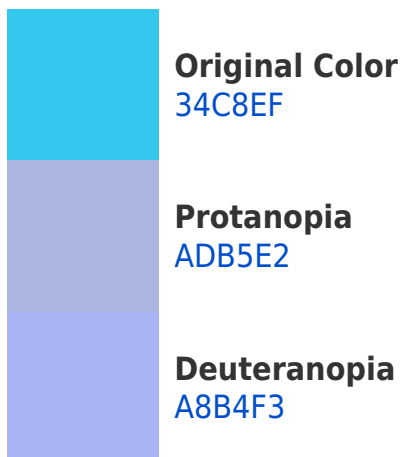


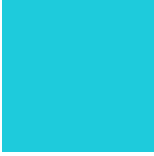
This preview shows how white text looks on a background with the Hex color 34C8EF.

Color Blindness Simulation

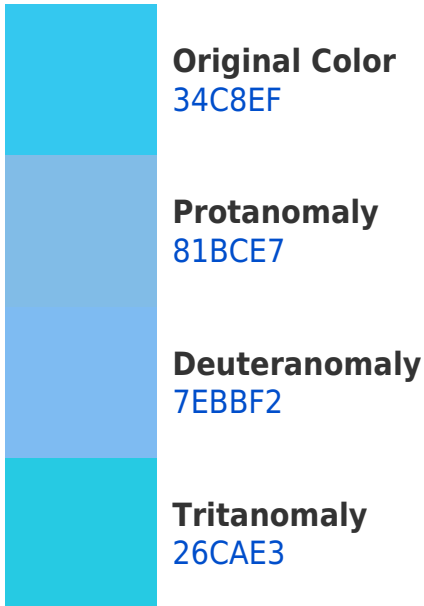
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

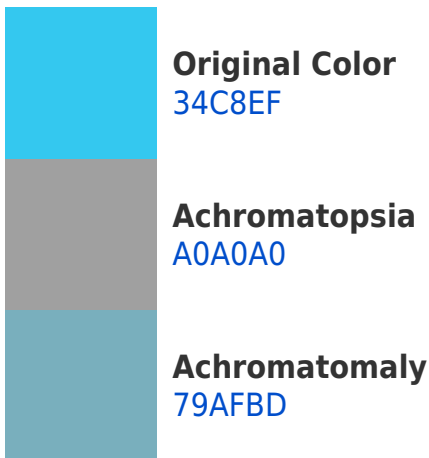




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34C8EF 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 #34C8EF looks like.

```
.text, #text, p{  
    color:#34C8EF  
}
```

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 #34C8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C8EF
}
```

Border

The CSS property to change the border of an element to Hex 34C8EF 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
#34C8EF }
```

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

```
.border{ border-color:#34C8EF }
```

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

Here you see how a box with a 4 pixel #34C8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C8EF; -webkit-box-shadow:4px 4px  
4px 4px #34C8EF; box-shadow:4px 4px 4px  
4px #34C8EF }
```

Background

The CSS property to change the background color of an element to Hex 34C8EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C8EF }
```

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

```
.background{ background-color:#34C8EF }
```

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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