

Converting Colors

Hex(37C4EF)

Have a look what the booklet for
Hex(37C4EF) contains.

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Color

Hex(37C4EF)

Conversions

Conversions Part 1

Format	Color
Hex	37C4EF
RGB	55, 196, 239
RGB Percent	22%, 77%, 94%
CMY	0.7843, 0.2314, 0.0627
CMYK	0.77, 0.18, 0.00, 0.06
HSL	194°, 85%, 58%
HSV	194°, 77%, 94%
XYZ	36.8955, 46.5241, 88.6968
YIQ	158.7430, -97.8390, -16.5190

Conversions

Conversions Part 2

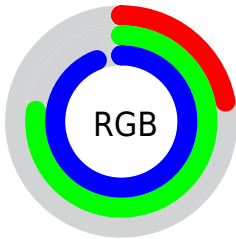
Format	Color
R _{YB}	55, 135, 239
Decimal	3654895
CIE Lab	73.88, -22.69, -31.81
CIE LCh	74, 39.079, 234.498
Yxy	46.5241, 0.2144, 0.2703
Android (android.graphics.Color)	4281844975 (0xFF37C4EF)
YUV	158.7430, 39.5667, -90.9826
Hunter-Lab	68.2086, -22.8105, -29.3533

Details

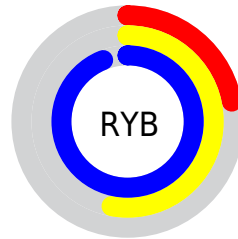
The Hex color **37C4EF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF6237**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **81FDFF**, and **008EB7** is the 20% darker color. If you saturate the color by 10%, you get **1FBEEF**, and if you desaturate by 10%, it is **4FCAEF**.

Distribution



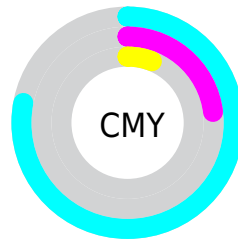
- Red (22%)
- Green (77%)
- Blue (94%)



- Red (22%)
- Yellow (53%)
- Blue (94%)



- Cyan (77%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (78%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37C4EF 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 37C4EF by changing the saturation by 10% instead.

 37C4EF

FFFFFF

 81FDFF

 A0FFFF

 C0FFFF

 DFFFFF

FEFFFF

 37C4EF

 00A9D3

 008EB7

 00749C

 005C82

 004468

 002D50

 001939

 000223

 00000A

 37C4EF

 37C4EF

 1FBEEF

 4FCAEF

 07B9EF

 67CFEF

 00B7EF

 7FD5EF

 97DAEF

 AEE0EF

 C6E6EF

 DEEBEF

 F6F1EF

 FFF6EF

Harmonies

Analogous

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



24C8D2



37C4EF



76BBFC

Triad

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



37C4EF



F69ABE



AFBC73

Complementary

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



37C4EF



EF6237

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.



D3B16E



37C4EF



FB9C9A

Square

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



37C4EF



DDA2E0



EEA57C



85C48B

Rectangle

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



37C4EF



9EB3FB



EEA57C



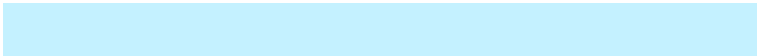
BCB96F

Sweetspot

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



37C4EF



C4F1FF



37EF62



5C7780



000000



808080

Same Dimension

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



37C4EF



14C8FF



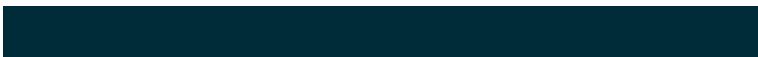
3768EF



6C7578



008DB8



002B38

Inverse Universe

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



EF37C4



FF14C8



EFBE37



786C75



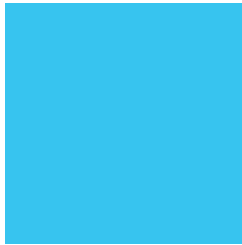
B8008D



38002B

Previews

White Background



This preview shows how the Hex color 37C4EF looks on a white background.

Color Contrast Check

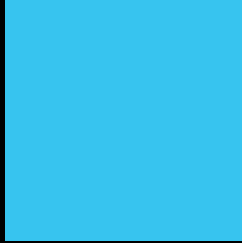
Large Text (above 18pt) WCAG AA × Fail

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 37C4EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

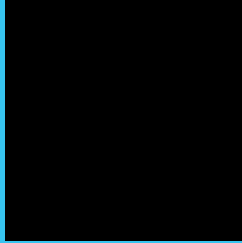
Any Text WCAG AA ✓ Pass

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 37C4EF Background



This preview shows how black text looks on a background with the Hex color 37C4EF.

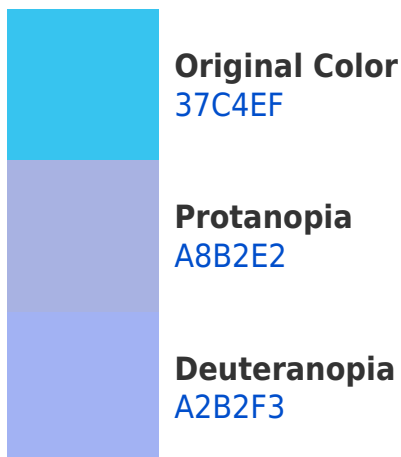


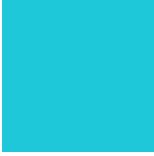
This preview shows how white text looks on a background with the Hex color 37C4EF.

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](#).

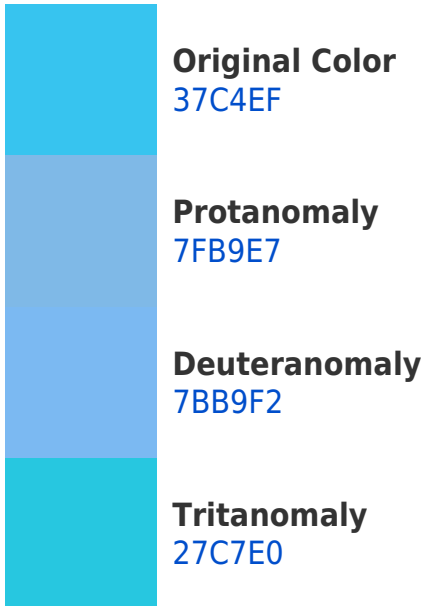
Dichromacy



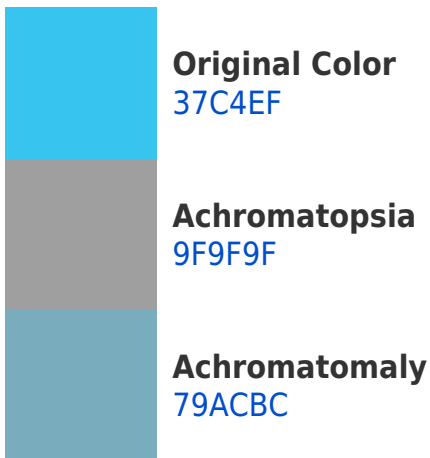


Tritanopia
1EC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37C4EF 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 #37C4EF looks like.

```
.text, #text, p{  
    color:#37C4EF  
}
```

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 #37C4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37C4EF
}
```

Border

The CSS property to change the border of an element to Hex 37C4EF 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
#37C4EF }
```

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

```
.border{ border-color:#37C4EF }
```

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

Here you see how a box with a 4 pixel #37C4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37C4EF; -webkit-box-shadow:4px 4px  
4px 4px #37C4EF; box-shadow:4px 4px 4px  
4px #37C4EF }
```

Background

The CSS property to change the background color of an element to Hex 37C4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37C4EF }
```

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

```
.background{ background-color:#37C4EF }
```

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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