

Converting Colors

Hex(37B4EF)

Have a look what the booklet for
Hex(37B4EF) contains.

Hex(37B4EF)	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(37B4EF)

Conversions

Conversions Part 1

Format	Color
Hex	37B4EF
RGB	55, 180, 239
RGB Percent	22%, 71%, 94%
CMY	0.7843, 0.2941, 0.0627
CMYK	0.77, 0.25, 0.00, 0.06
HSL	199°, 85%, 58%
HSV	199°, 77%, 94%
XYZ	33.4768, 39.6867, 87.5572
YIQ	149.3510, -93.4390, -8.1510

Conversions

Conversions Part 2

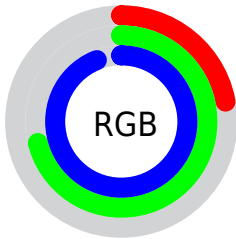
Format	Color
R _{YB}	55, 129, 239
Decimal	3650799
CIE Lab	69.25, -14.33, -39.01
CIE LCh	69, 41.558, 249.825
Yxy	39.6867, 0.2083, 0.2469
Android (android.graphics.Color)	4281840879 (0xFF37B4EF)
YUV	149.3510, 44.1970, -82.7458
Hunter-Lab	62.9974, -15.3907, -38.3063

Details

The Hex color **37B4EF** 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 **EF7237**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7FECFF**, and **007FB7** is the 20% darker color. If you saturate the color by 10%, you get **1FACEF**, and if you desaturate by 10%, it is **4FBCEF**.

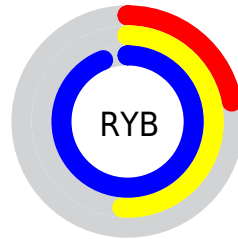
Distribution



Red (22%)

Green (71%)

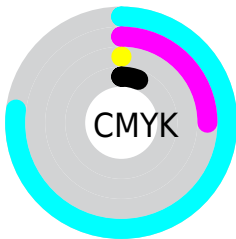
Blue (94%)



Red (22%)

Yellow (51%)

Blue (94%)

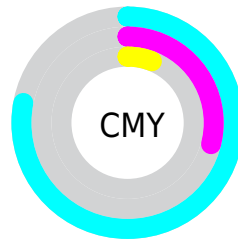


Cyan (77%)

Magenta (25%)

Yellow (0%)

Black (6%)



Cyan (78%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37B4EF 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 37B4EF by changing the saturation by 10% instead.

 37B4EF

 37B4EF

FFFFFF

 0099D3

 7FECFF

 007FB7

 9FFFFFF

 00669C

 BEFFFF

 004E81

 DDFFFF

 003868

 FCFFFF

 00234F

 000538

 000222

 000008

 37B4EF

 37B4EF

 1FACEF

 4FBCEF

 07A5EF

 67C3EF

 00A2EF

 7FCBEF

 97D3EF

 AEDA EF

 C6E2EF

 DEEA EF

 F6F1EF

 FFF9EF

Harmonies

Analogous

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



00BBD8



37B4EF



85A9F3

Triad

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



37B4EF



F18B9E



8CB56E

Complementary

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



37B4EF



EF7237

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.



B5AB5D



37B4EF



EC917B

Square

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



37B4EF



E28FC4



D69E63



5BBB8E

Rectangle

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



37B4EF



AC9FEA



D69E63



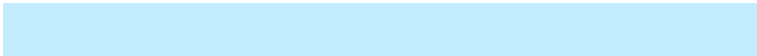
9AB266

Sweetspot

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



37B4EF



C4ECFF



37EF71



5C7480



000000



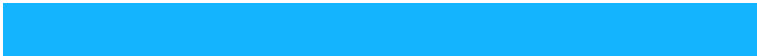
808080

Same Dimension

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



37B4EF



14B4FF



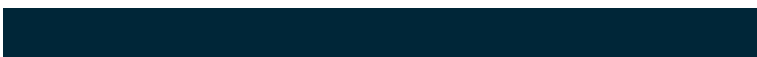
3759EF



6C7478



007DB8



002638

Inverse Universe

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



EF37B4



FF14B4



EFCD37



786C74



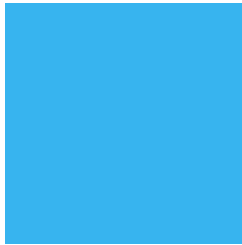
B8007D



380026

Previews

White Background



This preview shows how the Hex color 37B4EF looks on a white background.

Color Contrast Check

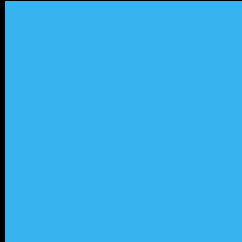
Large Text (above 18pt) WCAG AA × Fail

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 37B4EF 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

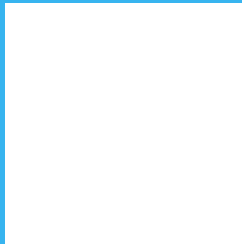
Any Text WCAG AAA ✓ Pass

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

Hex 37B4EF Background



This preview shows how black text looks on a background with the Hex color 37B4EF.

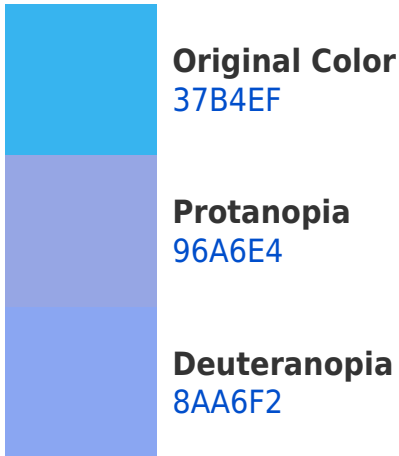


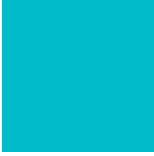
This preview shows how white text looks on a background with the Hex color 37B4EF.

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](#).

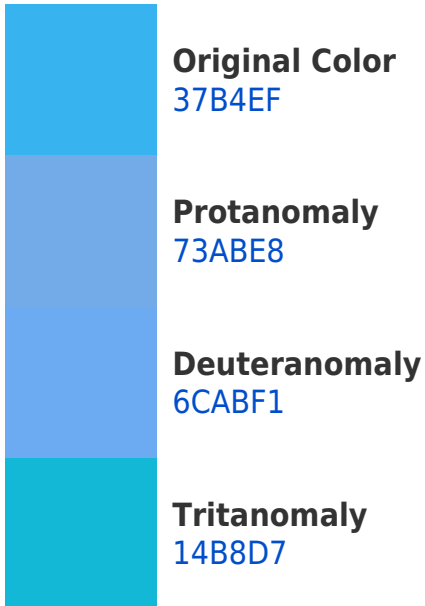
Dichromacy





Tritanopia
00BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37B4EF 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 #37B4EF looks like.

```
.text, #text, p{  
    color:#37B4EF  
}
```

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 #37B4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B4EF
}
```

Border

The CSS property to change the border of an element to Hex 37B4EF 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
#37B4EF }
```

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

```
.border{ border-color:#37B4EF }
```

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

Here you see how a box with a 4 pixel #37B4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B4EF; -webkit-box-shadow:4px 4px  
4px 4px #37B4EF; box-shadow:4px 4px 4px  
4px #37B4EF }
```

Background

The CSS property to change the background color of an element to Hex 37B4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B4EF }
```

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

```
.background{ background-color:#37B4EF }
```

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