

Converting Colors

Hex(34E0F7)

Have a look what the booklet for
Hex(34E0F7) contains.

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Color

Hex(34E0F7)

Conversions

Conversions Part 1

Format	Color
Hex	34E0F7
RGB	52, 224, 247
RGB Percent	20%, 88%, 97%
CMY	0.7961, 0.1216, 0.0314
CMYK	0.79, 0.09, 0.00, 0.03
HSL	187°, 92%, 59%
HSV	187°, 79%, 97%
XYZ	44.8603, 60.7568, 97.3585
YIQ	175.1940, -109.8950, -29.3110

Conversions

Conversions Part 2

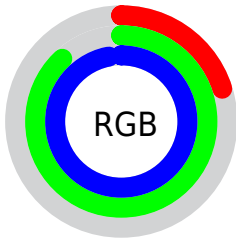
Format	Color
R _{YB}	52, 143, 247
Decimal	3465463
CIE _{Lab}	82.25, -34.19, -23.29
CIE _{LCh}	82, 41.365, 214.260
Yxy	60.7568, 0.2210, 0.2993
Android (android.graphics.Color)	4281655543 (0xFF34E0F7)
YUV	175.1940, 35.4004, -108.0411
Hunter-Lab	77.9466, -33.6752, -19.4930

Details

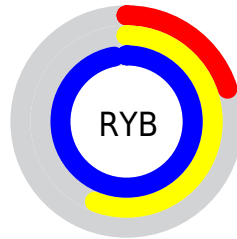
The Hex color **34E0F7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F74B34**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **83FFFF**, and **00A8BF** is the 20% darker color. If you saturate the color by 10%, you get **1BDDF7**, and if you desaturate by 10%, it is **4DE3F7**.

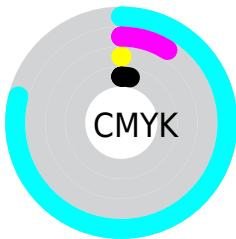
Distribution



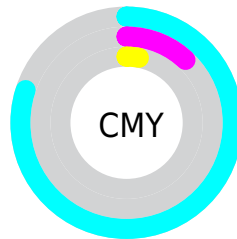
- Red (20%)
- Green (88%)
- Blue (97%)



- Red (20%)
- Yellow (56%)
- Blue (97%)



- Cyan (79%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (80%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34E0F7 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 34E0F7 by changing the saturation by 10% instead.

 34E0F7

FFFFFF

 83FFFF

 A4FFFF

 C4FFFF

 E3FFFF

 34E0F7

 00C4DA

 00A8BF

 008DA4

 007389

 005A70

 004257

 002C40

 00112A

 000115

 34E0F7

 34E0F7

 1BDDF7

 4DE3F7

 03DAF7

 65E6F7

 00DAF7

 7EE9F7

 97ECF7

 B0EFF7

 C8F1F7

 E1F4F7

 FAF7F7

 FFFAF7

Harmonies

Analogous

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



56E2D1



34E0F7



5DDAFF

Triad

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



34E0F7



FFB4EF



E1CC7E

Complementary

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



34E0F7



F74B34

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.



FFBF88



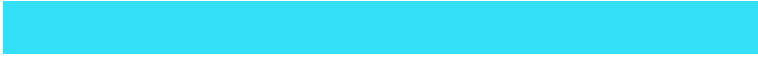
34E0F7



FFAFC8

Square

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



34E0F7



D9C1FF



FFB3A3



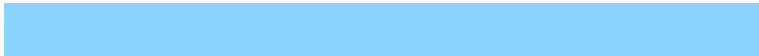
B8D78B

Rectangle

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



34E0F7



89D3FF



FFB3A3



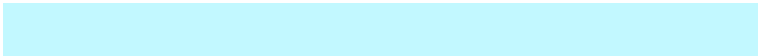
EDC87F

Sweetspot

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



34E0F7



C2F8FF



34F74B



5B7B80



000000



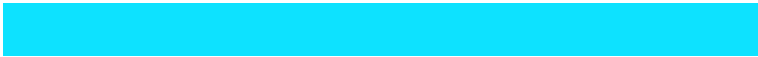
808080

Same Dimension

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



34E0F7



0DE2FF



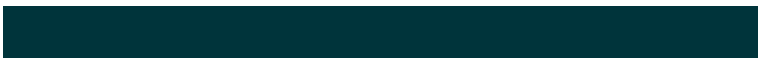
347FF7



6E797A



00A4BA



00343B

Inverse Universe

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



F734E0



FF0DE2



F7AC34



7A6E79



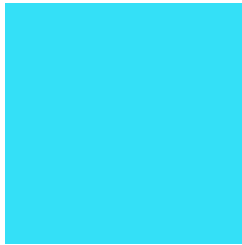
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 34E0F7 looks on a white background.

Color Contrast Check

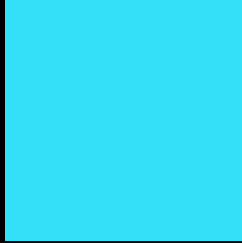
Large Text (above 18pt) WCAG AA × Fail

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 34E0F7 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 34E0F7 Background



This preview shows how black text looks on a background with the Hex color 34E0F7.

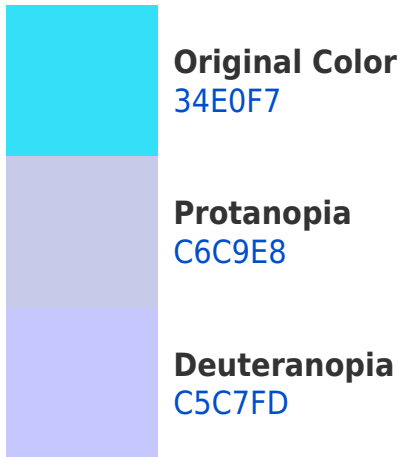


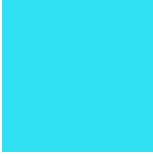
This preview shows how white text looks on a background with the Hex color 34E0F7.

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
30E1F3

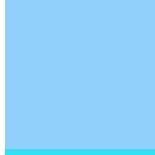
Trichromacy



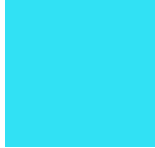
Original Color
34E0F7



Protanomaly
91D1ED



Deuteranomaly
90D0FB

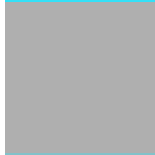


Tritanomaly
31E1F4

Monochromacy



Original Color
34E0F7



Achromatopsia
AFAFAF



Achromatomaly
82C1C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 34E0F7 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 #34E0F7 looks like.

```
.text, #text, p{  
    color:#34E0F7  
}
```

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 #34E0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34E0F7
}
```

Border

The CSS property to change the border of an element to Hex 34E0F7 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
#34E0F7 }
```

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

```
.border{ border-color:#34E0F7 }
```

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

Here you see how a box with a 4 pixel #34E0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34E0F7; -webkit-box-shadow:4px 4px  
4px 4px #34E0F7; box-shadow:4px 4px 4px  
4px #34E0F7 }
```

Background

The CSS property to change the background color of an element to Hex 34E0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34E0F7 }
```

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

```
.background{ background-color:#34E0F7 }
```

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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