

Converting Colors

Hex(34F0FE)

Have a look what the booklet for
Hex(34F0FE) contains.

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Color

Hex(34F0FE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 34F0FE |
| RGB | 52, 240, 254 |
| RGB Percent | 20%, 94%, 100% |
| CMY | 0.7961, 0.0588, 0.0039 |
| CMYK | 0.80, 0.06, 0.00, 0.00 |
| HSL | 184°, 99%, 60% |
| HSV | 184°, 80%, 100% |
| XYZ | 50.4657, 70.2060, 104.6572 |
| YIQ | 185.3840, -116.5420, -35.5020 |

Conversions

Conversions Part 2

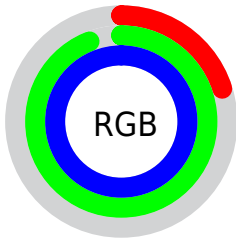
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 52, 149, 254 |
| Decimal | 3469566 |
| CIE _{Lab} | 87.10, -39.51, -19.62 |
| CIE _{LCh} | 87, 44.115, 206.412 |
| Yxy | 70.2060, 0.2240, 0.3116 |
| Android (android.graphics.Color) | 4281659646 (0xFF34F0FE) |
| YUV | 185.3840, 33.8277, -116.9778 |
| Hunter-Lab | 83.7890, -39.1212, -15.4043 |

Details

The Hex color **34F0FE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE4234**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **85FFFF**, and **00B7C5** is the 20% darker color. If you saturate the color by 10%, you get **1BEEFE**, and if you desaturate by 10%, it is **4DF2FE**.

Distribution



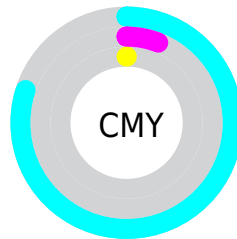
- Red (20%)
- Green (94%)
- Blue (100%)



- Red (20%)
- Yellow (58%)
- Blue (100%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34F0FE 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 34F0FE by changing the saturation by 10% instead.

 34F0FE

 34F0FE

FFFFFF

 00D3E1

 85FFFF

 00B7C5

 A7FFFF

 009CAA

 C7FFFF


 008190

 E7FFFF

 006876

 004F5D

 003746

 00222F

 00011B

 34F0FE

 34F0FE

 1BEEFE

 4DF2FE

 01ECFE

 67F4FE

 00ECFE

 80F5FE

 9AF7FE

 B3F9FE

 CCFBFE

 E6FCFE

FFFEFE

FFFFFFE

Harmonies

Analogous

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



68F0D4



34F0FE



4EEBFF

Triad

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



34F0FE



FFC3FF



FBD686

Complementary

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



34F0FE



FE4234

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.



FFC796



34F0FE



FFBAE1

Square

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



34F0FE



D8D1FF



FFBCB7



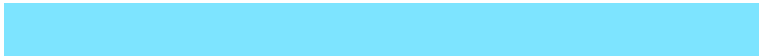
D0E38E

Rectangle

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



34F0FE



7DE4FF



FFBCB7



FFD189

Sweetspot

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



34F0FE



C2FBFF



34FE41



5B7D80



000000



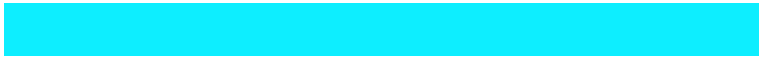
808080

Same Dimension

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



34F0FE



0DEEFF



348CFE



737F80



00B2BF



003B40

Inverse Universe

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



FE34F0



FF0DEE



FEA634



80737F



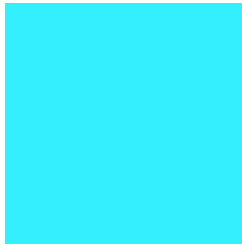
BF00B2



40003B

Previews

White Background



This preview shows how the Hex color 34F0FE looks on a white background.

Color Contrast Check

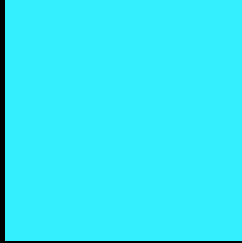
Large Text (above 18pt) WCAG AA × Fail

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 34F0FE 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 34F0FE Background



This preview shows how black text looks on a background with the Hex color 34F0FE.

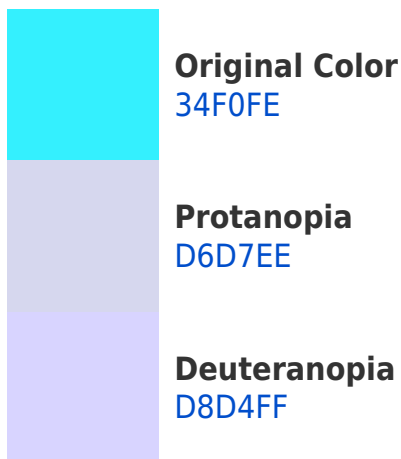


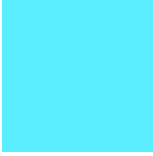
This preview shows how white text looks on a background with the Hex color 34F0FE.

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





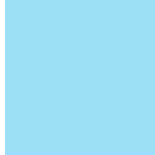
Tritanopia
59EDFF

Trichromacy



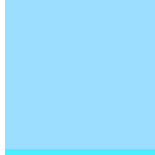
Original Color

34F0FE



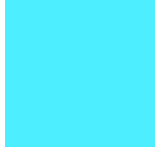
Protanomaly

9BE0F4



Deuteranomaly

9CDEFF



Tritanomaly

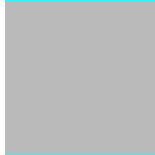
4CEEFF

Monochromacy



Original Color

34F0FE



Achromatopsia

B9B9B9



Achromatomaly

89CDD2

CSS Examples

Text

The CSS property to change the color of the text to Hex 34F0FE 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 #34F0FE looks like.

```
.text, #text, p{  
    color:#34F0FE  
}
```

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 #34F0FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34F0FE
}
```

Border

The CSS property to change the border of an element to Hex 34F0FE 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
#34F0FE }
```

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

```
.border{ border-color:#34F0FE }
```

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

Here you see how a box with a 4 pixel #34F0FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34F0FE; -webkit-box-shadow:4px 4px  
4px 4px #34F0FE; box-shadow:4px 4px 4px  
4px #34F0FE }
```

Background

The CSS property to change the background color of an element to Hex 34F0FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34F0FE }
```

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

```
.background{ background-color:#34F0FE }
```

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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