

Converting Colors

Hex(34F3FE)

Have a look what the booklet for
Hex(34F3FE) contains.

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Color

Hex(34F3FE)

Conversions

Conversions Part 1

Format	Color
Hex	34F3FE
RGB	52, 243, 254
RGB Percent	20%, 95%, 100%
CMY	0.7961, 0.0471, 0.0039
CMYK	0.80, 0.04, 0.00, 0.00
HSL	183°, 99%, 60%
HSV	183°, 80%, 100%
XYZ	51.3562, 71.9870, 104.9541
YIQ	187.1450, -117.3670, -37.0710

Conversions

Conversions Part 2

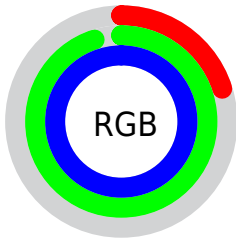
Format	Color
R _Y B	52, 150, 254
Decimal	3470334
CIE Lab	87.96, -40.87, -18.32
CIE LCh	88, 44.787, 204.144
Yxy	71.9870, 0.2250, 0.3153
Android (android.graphics.Color)	4281660414 (0xFF34F3FE)
YUV	187.1450, 32.9595, -118.5222
Hunter-Lab	84.8452, -40.4343, -13.9505

Details

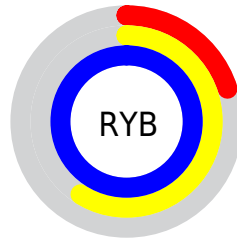
The Hex color **34F3FE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE3F34**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **86FFFF**, and **00BAC5** is the 20% darker color. If you saturate the color by 10%, you get **1BF2FE**, and if you desaturate by 10%, it is **4DF4FE**.

Distribution



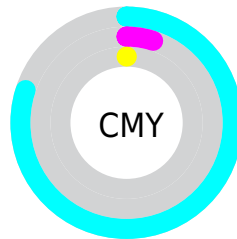
- Red (20%)
- Green (95%)
- Blue (100%)



- Red (20%)
- Yellow (59%)
- Blue (100%)



- Cyan (80%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34F3FE 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 34F3FE by changing the saturation by 10% instead.

 34F3FE

 34F3FE

FFFFFF

 00D6E1

 86FFFF

 00BAC5

 A7FFFF

 009FAA

 C8FFFF

 008490

 E8FFFF

 006A76

 00515D

 003946

 00242F

 00011B

 34F3FE

 34F3FE

 1BF2FE

 4DF4FE

 01F0FE

 67F6FE

 00F0FE

 80F7FE

 9AF9FE

 B3FAFE

 CCFBFE

 E6FD FE

FFFEFE

FFFFFFE

Harmonies

Analogous

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



6CF3D2



34F3FE



48EEFF

Triad

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



34F3FE



FFC6FF



FFD787

Complementary

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



34F3FE



FE3F34

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.



FFC899



34F3FE



FFBCE7

Square

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



34F3FE



D6D5FF



FFBEBC



D6E58D

Rectangle

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



34F3FE



78E7FF



FFBEBC



FFD28B

Sweetspot

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



34F3FE



C2FCFF



34FE3E



5B7D80



000000



808080

Same Dimension

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



34F3FE



0DF2FF



348FFE



737F80



00B5BF



003C40

Inverse Universe

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



FE34F3



FF0DF2



FEA334



80737F



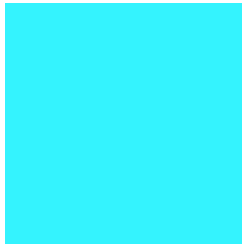
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color 34F3FE looks on a white background.

Color Contrast Check

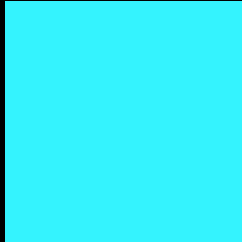
Large Text (above 18pt) WCAG AA × Fail

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 34F3FE 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 34F3FE Background



This preview shows how black text looks on a background with the Hex color 34F3FE.

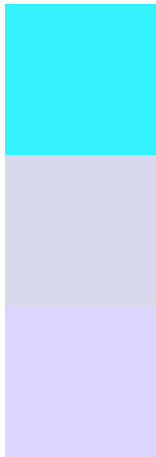


This preview shows how white text looks on a background with the Hex color 34F3FE.

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](#).

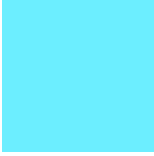
Dichromacy



Original Color
34F3FE

Protanopia
D9D9EE

Deuteranopia
DBD6FF

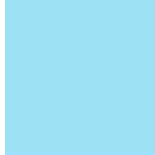


Tritanopia
6CEEFF

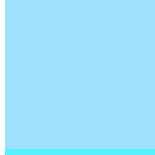
Trichromacy



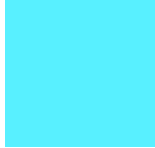
Original Color
34F3FE



Protanomaly
9DE2F4



Deuteranomaly
9EE1FF

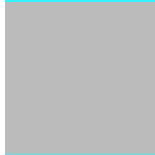


Tritanomaly
58F0FF

Monochromacy



Original Color
34F3FE



Achromatopsia
BBBBBB



Achromatomaly
8ACFD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 34F3FE 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 #34F3FE looks like.

```
.text, #text, p{  
    color:#34F3FE  
}
```

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 #34F3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34F3FE
}
```

Border

The CSS property to change the border of an element to Hex 34F3FE 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
#34F3FE }
```

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

```
.border{ border-color:#34F3FE }
```

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

Here you see how a box with a 4 pixel #34F3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34F3FE; -webkit-box-shadow:4px 4px  
4px 4px #34F3FE; box-shadow:4px 4px 4px  
4px #34F3FE }
```

Background

The CSS property to change the background color of an element to Hex 34F3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34F3FE }
```

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

```
.background{ background-color:#34F3FE }
```

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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