

Converting Colors

Hex(33F3FE)

Have a look what the booklet for
Hex(33F3FE) contains.

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Color

Hex(33F3FE)

Conversions

Conversions Part 1

Format	Color
Hex	33F3FE
RGB	51, 243, 254
RGB Percent	20%, 95%, 100%
CMY	0.8000, 0.0471, 0.0039
CMYK	0.80, 0.04, 0.00, 0.00
HSL	183°, 99%, 60%
HSV	183°, 80%, 100%
XYZ	51.3052, 71.9607, 104.9517
YIQ	186.8460, -117.9630, -37.2830

Conversions

Conversions Part 2

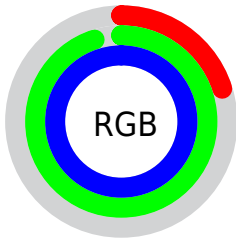
Format	Color
R _Y B	51, 150, 254
Decimal	3404798
CIE Lab	87.95, -40.95, -18.34
CIE LCh	88, 44.869, 204.126
Yxy	71.9607, 0.2248, 0.3153
Android (android.graphics.Color)	4281594878 (0xFF33F3FE)
YUV	186.8460, 33.1069, -119.1369
Hunter-Lab	84.8297, -40.4946, -13.9731

Details

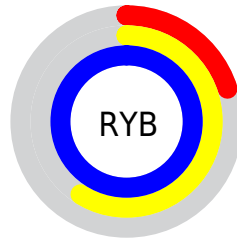
The Hex color **33F3FE** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE3E33**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **85FFFF**, and **00BAC5** is the 20% darker color. If you saturate the color by 10%, you get **1AF2FE**, and if you desaturate by 10%, it is **4CF4FE**.

Distribution



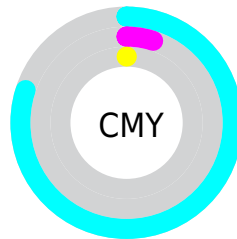
- Red (20%)
- Green (95%)
- Blue (100%)



- 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 33F3FE 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 33F3FE by changing the saturation by 10% instead.

 33F3FE

 33F3FE

FFFFFF

 00D6E1

 85FFFF

 00BAC5

 A7FFFF

 009FAA

 C7FFFF

 008490

 E8FFFF

 006A76

 00515D

 003946

 00242F

 00011B

 33F3FE

 33F3FE

 1AF2FE

 4CF4FE

 00F0FE

 66F6FE

 7FF7FE

 99F9FE

 B2FAFE

 CBFBF6

 E5FDFE

FEFEFE

FFFFFFE

Harmonies

Analogous

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



6CF3D2



33F3FE



47EEFF

Triad

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



33F3FE



FFC5FF



FFD787

Complementary

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



33F3FE



FE3E33

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



33F3FE



FFBCE7

Square

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



33F3FE



D6D5FF



FFBDBC



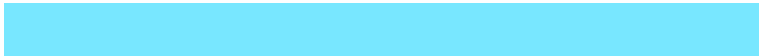
D6E58D

Rectangle

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



33F3FE



78E7FF



FFBDBC



FFD28B

Sweetspot

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



33F3FE



C2FCFF



33FE3D



5B7D80



000000



808080

Same Dimension

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



33F3FE



0AF2FF



338EFE



737F80



00B5BF



003C40

Inverse Universe

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



FE33F3



FF0AF2



FEA333



80737F



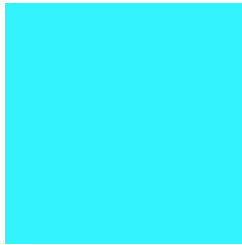
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color 33F3FE looks on a white background.

Color Contrast Check

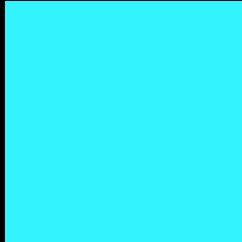
Large Text (above 18pt) WCAG AA × Fail

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 33F3FE 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 33F3FE Background



This preview shows how black text looks on a background with the Hex color 33F3FE.

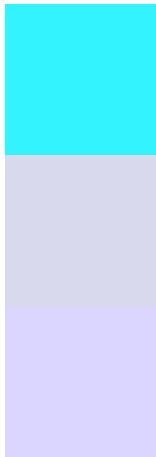


This preview shows how white text looks on a background with the Hex color 33F3FE.

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](#).

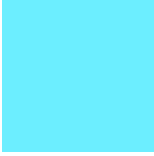
Dichromacy



Original Color
33F3FE

Protanopia
D9D9EE

Deuteranopia
DBD6FF

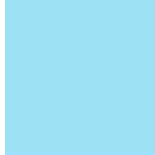


Tritanopia
6CEEFF

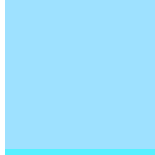
Trichromacy



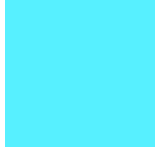
Original Color
33F3FE



Protanomaly
9DE2F4



Deuteranomaly
9EE1FF

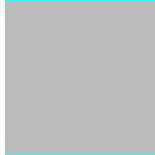


Tritanomaly
57F0FF

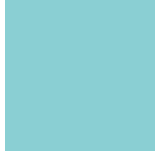
Monochromacy



Original Color
33F3FE



Achromatopsia
BBBBBB



Achromatomaly
8ACFD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 33F3FE 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 #33F3FE looks like.

```
.text, #text, p{  
    color:#33F3FE  
}
```

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 #33F3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33F3FE
}
```

Border

The CSS property to change the border of an element to Hex 33F3FE 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
#33F3FE }
```

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

```
.border{ border-color:#33F3FE }
```

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

Here you see how a box with a 4 pixel #33F3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33F3FE; -webkit-box-shadow:4px 4px  
4px 4px #33F3FE; box-shadow:4px 4px 4px  
4px #33F3FE }
```

Background

The CSS property to change the background color of an element to Hex 33F3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33F3FE }
```

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

```
.background{ background-color:#33F3FE }
```

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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