

Converting Colors

Hex(33F4FF)

Have a look what the booklet for
Hex(33F4FF) contains.

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Color

Hex(33F4FF)

Conversions

Conversions Part 1

Format	Color
Hex	33F4FF
RGB	51, 244, 255
RGB Percent	20%, 96%, 100%
CMY	0.8000, 0.0431, 0.0000
CMYK	0.80, 0.04, 0.00, 0.00
HSL	183°, 100%, 60%
HSV	183°, 80%, 100%
XYZ	51.7659, 72.6252, 105.8975
YIQ	187.5470, -118.5590, -37.4950

Conversions

Conversions Part 2

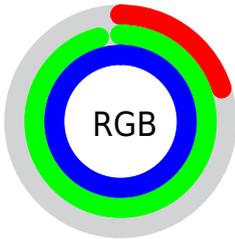
Format	Color
R _Y B	51, 150, 255
Decimal	3405055
CIE Lab	88.27, -41.11, -18.38
CIE LCh	88, 45.032, 204.091
Yxy	72.6252, 0.2248, 0.3154
Android (android.graphics.Color)	4281595135 (0xFF33F4FF)
YUV	187.5470, 33.2543, -119.7517
Hunter-Lab	85.2204, -40.7084, -14.0213

Details

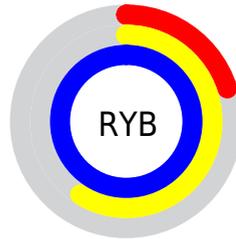
The Hex color **33F4FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3E33**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **85FFFF**, and **00BBC6** is the 20% darker color. If you saturate the color by 10%, you get **19F3FF**, and if you desaturate by 10%, it is **4DF5FF**.

Distribution



- Red (20%)
- Green (96%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 33F4FF 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 33F4FF by changing the saturation by 10% instead.

 33F4FF

 33F4FF

FFFFFF

 00D7E2

 85FFFF

 00BBC6

 A7FFFF

 00A0AB

 C8FFFF

 008591

 E8FFFF

 006B77

 00525E

 003A47

 002530

 00011C

 33F4FF

 33F4FF

 19F3FF

 4DF5FF

 00F1FF

 66F7FF

 80F8FF

 99FAFF

 B3FBFF

 CCFCFF

 E6FEFF

FFFFFF

Harmonies

Analogous

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



6DF4D3



33F4FF



47EFFF

Triad

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



33F4FF



FFC6FF



FFD888

Complementary

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



33F4FF



FF3E33

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.



FFC999



33F4FF



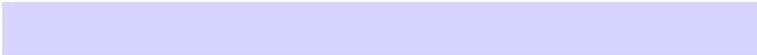
FFBDE8

Square

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



33F4FF



D6D5FF



FFBEBD



D7E58E

Rectangle

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



33F4FF



78E8FF



FFBEBD



FFD38B

Sweetspot

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



33F4FF



C2FCFF



33FF3D



5B7E80



000000



808080

Same Dimension

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



33F4FF



0AF2FF



338FFF



737F80



00B5BF



003C40

Inverse Universe

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



FF33F4



FF0AF2



FFA333



80737F



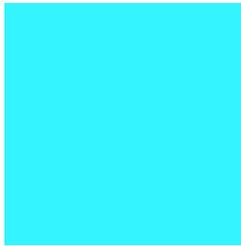
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color 33F4FF looks on a white background.

Color Contrast Check

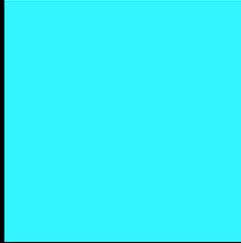
Large Text (above 18pt) WCAG AA × Fail

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 33F4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

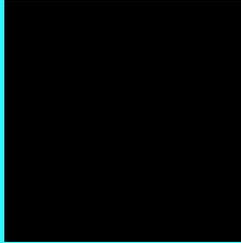
Any Text WCAG AA ✓ Pass

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 33F4FF Background



This preview shows how black text looks on a background with the Hex color 33F4FF.



This preview shows how white text looks on a background with the Hex color 33F4FF.

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
33F4FF

Protanopia
DADAEE

Deuteranopia
DCD7FF



Tritanopia
72EFFF

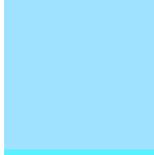
Trichromacy



Original Color
33F4FF



Protanomaly
9DE3F4



Deuteranomaly
9FE2FF



Tritanomaly
5BF1FF

Monochromacy



Original Color
33F4FF



Achromatopsia
BCBCBC



Achromatomaly
8AD0D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 33F4FF 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 #33F4FF looks like.

```
.text, #text, p{  
    color:#33F4FF  
}
```

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 #33F4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33F4FF
}
```

Border

The CSS property to change the border of an element to Hex 33F4FF 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
#33F4FF }
```

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

```
.border{ border-color:#33F4FF }
```

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

Here you see how a box with a 4 pixel #33F4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33F4FF; -webkit-box-shadow:4px 4px  
4px 4px #33F4FF; box-shadow:4px 4px 4px  
4px #33F4FF }
```

Background

The CSS property to change the background color of an element to Hex 33F4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33F4FF }
```

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

```
.background{ background-color:#33F4FF }
```

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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