

Converting Colors

Hex(34B8FE)

Have a look what the booklet for
Hex(34B8FE) contains.

Hex(34B8FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34B8FE)

Conversions

Conversions Part 1

Format	Color
Hex	34B8FE
RGB	52, 184, 254
RGB Percent	20%, 72%, 100%
CMY	0.7961, 0.2784, 0.0039
CMYK	0.80, 0.28, 0.00, 0.00
HSL	201°, 99%, 60%
HSV	201°, 80%, 100%
XYZ	36.4461, 42.1668, 99.9840
YIQ	152.5120, -101.1420, -6.2140

Conversions

Conversions Part 2

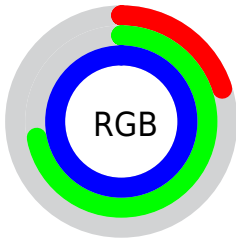
Format	Color
R _{YB}	52, 132, 254
Decimal	3455230
CIE Lab	70.99, -11.69, -44.42
CIE LCh	71, 45.932, 255.259
Yxy	42.1668, 0.2041, 0.2361
Android (android.graphics.Color)	4281645310 (0xFF34B8FE)
YUV	152.5120, 50.0336, -88.1490
Hunter-Lab	64.9360, -13.4528, -45.8356

Details

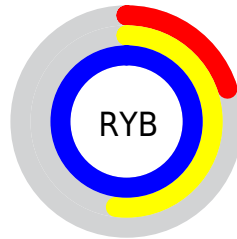
The Hex color **34B8FE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FE7A34**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **80F0FF**, and **0083C5** is the 20% darker color. If you saturate the color by 10%, you get **1BAFFE**, and if you desaturate by 10%, it is **4DC1FE**.

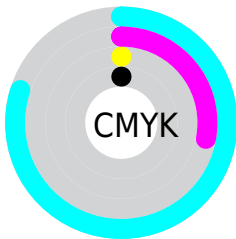
Distribution



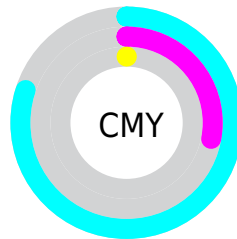
- Red (20%)
- Green (72%)
- Blue (100%)



- Red (20%)
- Yellow (52%)
- Blue (100%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B8FE 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 34B8FE by changing the saturation by 10% instead.

 34B8FE

 34B8FE

FFFFFF

 009DE1

 80F0FF

 0083C5

 A1FFFF

 006AA9

 C1FFFF

 00528F

 E0FFFF

 003B75

 00265C

 000E44

 00032D

 000117

■ 34B8FE

■ 34B8FE

■ 1BAFFE

■ 4DC1FE

■ 01A6FE

■ 67CAFE

■ 00A6FE

■ 80D2FE

■ 9ADBFE

■ B3E4FE

■ CCEDFE

■ E6F6FE

FFFEFE

FFFFFFE

Harmonies

Analogous

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



00C0E8



34B8FE



91ABFE

Triad

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



34B8FE



FE8C9A



84BC71

Complementary

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



34B8FE



FE7A34

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.



B3B25B



34B8FE



F49574

Square

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



34B8FE



F18EC4



D9A45C



46C297

Rectangle

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



34B8FE



BBA0F2



D9A45C



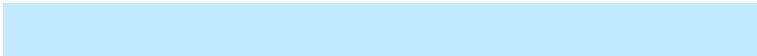
94B967

Sweetspot

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



34B8FE



C2EAFF



34FE77



5B7380



000000



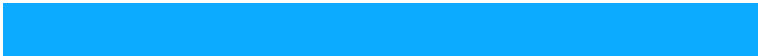
808080

Same Dimension

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



34B8FE



0DABFF



3456FE



737B80



007DBF



002A40

Inverse Universe

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



FE34B8



FF0DAB



FEDC34



80737B



BF007D



40002A

Previews

White Background



This preview shows how the Hex color 34B8FE looks on a white background.

Color Contrast Check

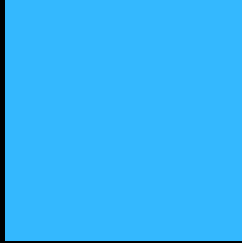
Large Text (above 18pt) WCAG AA × Fail

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 34B8FE 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

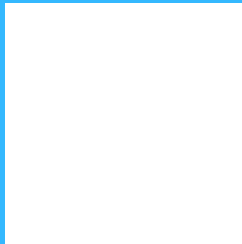
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 34B8FE Background



This preview shows how black text looks on a background with the Hex color 34B8FE.

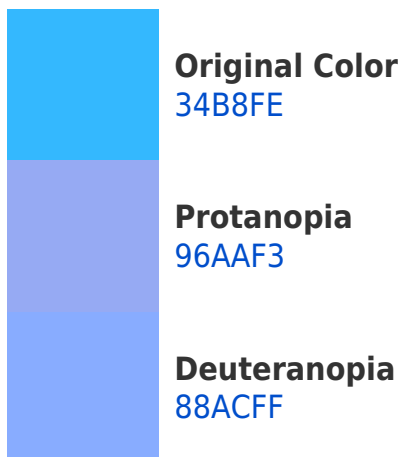


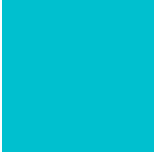
This preview shows how white text looks on a background with the Hex color 34B8FE.

Color Blindness Simulation

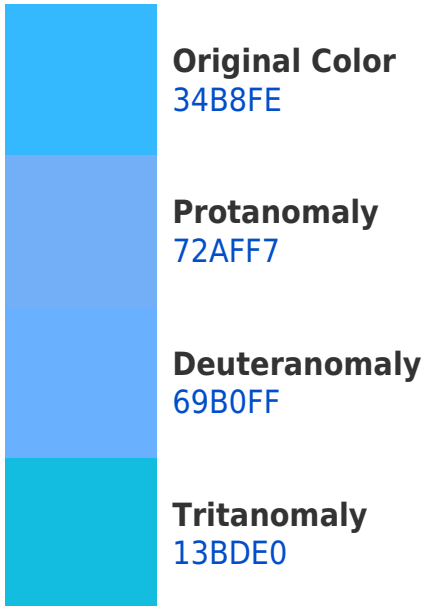
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34B8FE 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 #34B8FE looks like.

```
.text, #text, p{  
    color:#34B8FE  
}
```

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 #34B8FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B8FE
}
```

Border

The CSS property to change the border of an element to Hex 34B8FE 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
#34B8FE }
```

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

```
.border{ border-color:#34B8FE }
```

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

Here you see how a box with a 4 pixel #34B8FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B8FE; -webkit-box-shadow:4px 4px  
4px 4px #34B8FE; box-shadow:4px 4px 4px  
4px #34B8FE }
```

Background

The CSS property to change the background color of an element to Hex 34B8FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B8FE }
```

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

```
.background{ background-color:#34B8FE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor