

Converting Colors

Hex(34E5FF)

Have a look what the booklet for
Hex(34E5FF) contains.

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Color

Hex(34E5FF)

Conversions

Conversions Part 1

Format	Color
Hex	34E5FF
RGB	52, 229, 255
RGB Percent	20%, 90%, 100%
CMY	0.7961, 0.1020, 0.0000
CMYK	0.80, 0.10, 0.00, 0.00
HSL	188°, 100%, 60%
HSV	188°, 80%, 100%
XYZ	47.4855, 63.9887, 104.4560
YIQ	179.0410, -113.8380, -29.4380

Conversions

Conversions Part 2

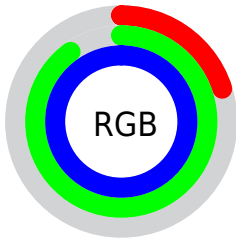
Format	Color
RYB	52, 147, 255
Decimal	3466751
CIELab	83.96, -34.12, -24.91
CIELCh	84, 42.242, 216.131
Yxy	63.9887, 0.2199, 0.2963
Android (android.graphics.Color)	4281656831 (0xFF34E5FF)
YUV	179.0410, 37.4478, -111.4150
Hunter-Lab	79.9929, -34.0263, -21.4268

Details

The Hex color **34E5FF** 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 **FF4E34**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **84FFFF**, and **00ADC6** is the 20% darker color. If you saturate the color by 10%, you get **1AE2FF**, and if you desaturate by 10%, it is **4EE8FF**.

Distribution



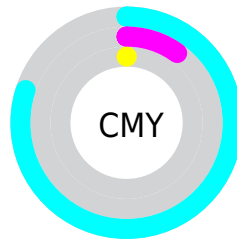
- Red (20%)
- Green (90%)
- Blue (100%)



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



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34E5FF 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 34E5FF by changing the saturation by 10% instead.

 34E5FF

 34E5FF

FFFFFF

 00C9E2

 84FFFF

 00ADC6

 A5FFFF

 0092AB


 C6FFFF

 007890

 E6FFFF

 005F77

 00465E

 002F46

 001830

 00011B

 34E5FF

 34E5FF

 1AE2FF

 4EE8FF

 01DEFF

 67ECFF

 00DEFF

 81EFFF

 9AF2FF

 B3F5FF

 CDF9FF

 E7FCFF

FFFFFF

Harmonies

Analogous

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



55E7D8



34E5FF



63DEFF

Triad

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



34E5FF



FFB7F2



E4D281

Complementary

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



34E5FF



FF4E34

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.



FFC489



34E5FF



FFB3CB

Square

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



34E5FF



E1C4FF



FFB8A4



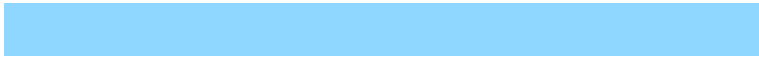
B9DD90

Rectangle

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



34E5FF



90D7FF



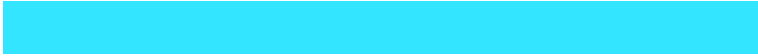
FFB8A4



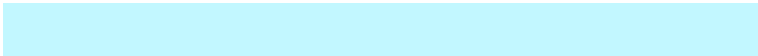
F1CD82

Sweetspot

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



34E5FF



C2F7FF



34FF4C



5B7B80



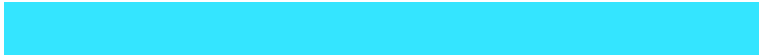
000000



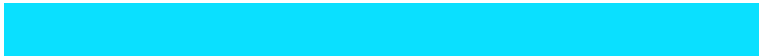
808080

Same Dimension

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



34E5FF



0AE0FF



3482FF



737E80



00A7BF



003840

Inverse Universe

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



FF34E5



FF0AE0



FFB134



80737E



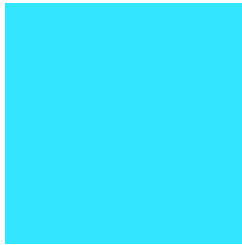
BF00A7



400038

Previews

White Background



This preview shows how the Hex color 34E5FF looks on a white background.

Color Contrast Check

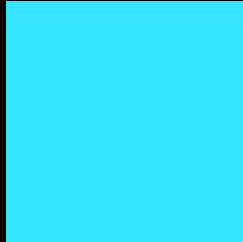
Large Text (above 18pt) WCAG AA × Fail

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 34E5FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

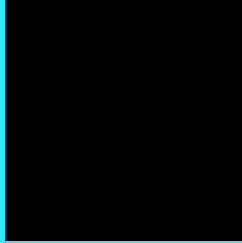
Any Text WCAG AA ✓ Pass

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 34E5FF Background



This preview shows how black text looks on a background with the Hex color 34E5FF.

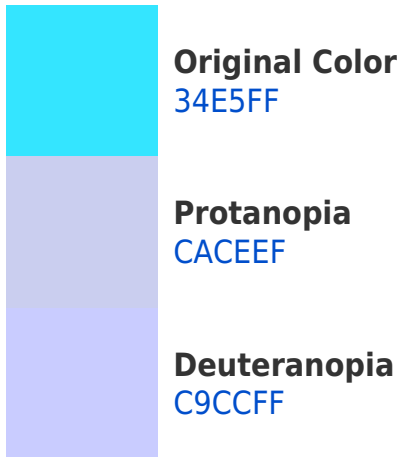


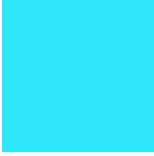
This preview shows how white text looks on a background with the Hex color 34E5FF.

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
2DE6F9

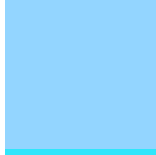
Trichromacy



Original Color
34E5FF



Protanomaly
93D6F5



Deuteranomaly
93D5FF

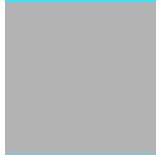


Tritanomaly
30E6FB

Monochromacy



Original Color
34E5FF



Achromatopsia
B3B3B3



Achromatomaly
85C5CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 34E5FF 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 #34E5FF looks like.

```
.text, #text, p{  
    color:#34E5FF  
}
```

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 #34E5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34E5FF
}
```

Border

The CSS property to change the border of an element to Hex 34E5FF 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
#34E5FF }
```

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

```
.border{ border-color:#34E5FF }
```

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

Here you see how a box with a 4 pixel #34E5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34E5FF; -webkit-box-shadow:4px 4px  
4px 4px #34E5FF; box-shadow:4px 4px 4px  
4px #34E5FF }
```

Background

The CSS property to change the background color of an element to Hex 34E5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34E5FF }
```

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

```
.background{ background-color:#34E5FF }
```

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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