

Converting Colors

Hex(35E4FF)

Have a look what the booklet for
Hex(35E4FF) contains.

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Color

Hex(35E4FF)

Conversions

Conversions Part 1

Format	Color
Hex	35E4FF
RGB	53, 228, 255
RGB Percent	21%, 89%, 100%
CMY	0.7922, 0.1059, 0.0000
CMYK	0.79, 0.11, 0.00, 0.00
HSL	188°, 100%, 60%
HSV	188°, 79%, 100%
XYZ	47.2616, 63.4637, 104.3665
YIQ	178.7530, -112.9670, -28.7030

Conversions

Conversions Part 2

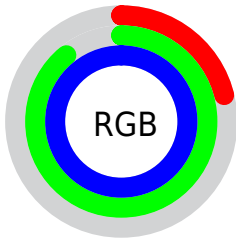
Format	Color
RYB	53, 147, 255
Decimal	3532031
CIELab	83.69, -33.56, -25.32
CIELCh	84, 42.042, 217.037
Yxy	63.4637, 0.2197, 0.2951
Android (android.graphics.Color)	4281722111 (0xFF35E4FF)
YUV	178.7530, 37.5898, -110.2854
Hunter-Lab	79.6641, -33.5151, -21.9099

Details

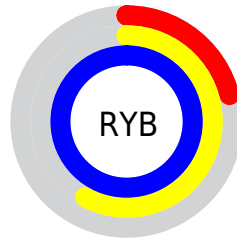
The Hex color **35E4FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5035**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **84FFFF**, and **00ACC6** is the 20% darker color. If you saturate the color by 10%, you get **1BE1FF**, and if you desaturate by 10%, it is **4FE7FF**.

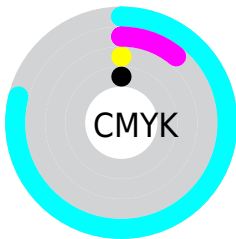
Distribution



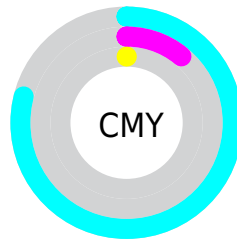
- Red (21%)
- Green (89%)
- Blue (100%)



- Red (21%)
- Yellow (58%)
- Blue (100%)



- Cyan (79%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35E4FF 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 35E4FF by changing the saturation by 10% instead.

 35E4FF

 35E4FF

FFFFFF

 00C8E2

 84FFFF

 00ACC6

 A6FFFF

 0091AB


 C6FFFF

 007790

 E6FFFF

 005E77

 00465E

 002F46

 001730

 00011B

 35E4FF

 35E4FF

 1BE1FF


 4FE7FF

 02DDFF

 68EBFF

 00DDFF

 82EEFF

 9BF2FF

 B4F5FF

 CEF8FF

 E8FCFF

FFFFFF

Harmonies

Analogous

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



53E6D9



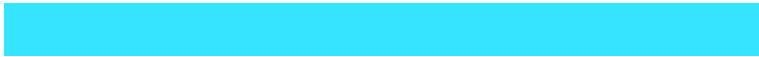
35E4FF



65DDFF

Triad

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



35E4FF



FFB7F0



E2D181

Complementary

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



35E4FF



FF5035

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.



FFC488



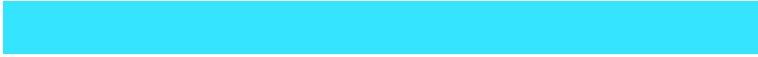
35E4FF



FFB2C9

Square

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



35E4FF



E2C3FF



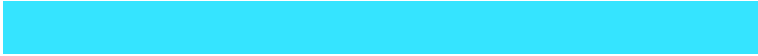
FFB7A3



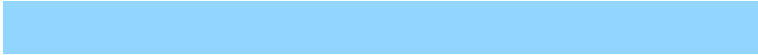
B7DC90

Rectangle

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



35E4FF



92D6FF



FFB7A3



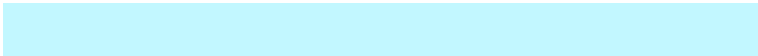
EFCD81

Sweetspot

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



35E4FF



C2F7FF



35FF50



5B7B80



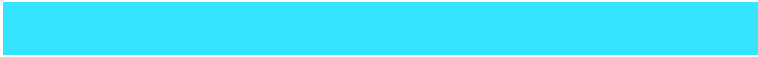
000000



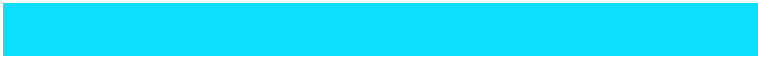
808080

Same Dimension

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



35E4FF



0DDFFF



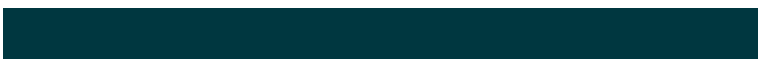
357FFF



737E80



00A6BF



003740

Inverse Universe

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



FF35E4



FF0DDF



FFB535



80737E



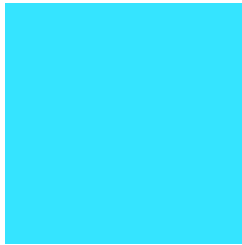
BF00A6



400037

Previews

White Background



This preview shows how the Hex color 35E4FF looks on a white background.

Color Contrast Check

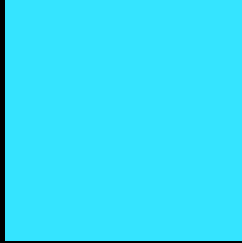
Large Text (above 18pt) WCAG AA × Fail

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 35E4FF 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 35E4FF Background



This preview shows how black text looks on a background with the Hex color 35E4FF.

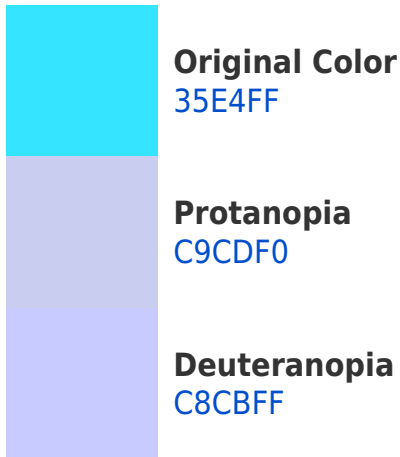


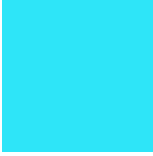
This preview shows how white text looks on a background with the Hex color 35E4FF.

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
2EE5F8

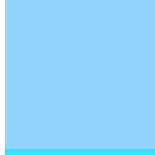
Trichromacy



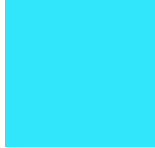
Original Color
35E4FF



Protanomaly
93D5F5



Deuteranomaly
93D4FF

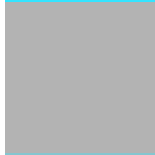


Tritanomaly
31E5FB

Monochromacy



Original Color
35E4FF



Achromatopsia
B3B3B3



Achromatomaly
85C5CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 35E4FF 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 #35E4FF looks like.

```
.text, #text, p{  
    color:#35E4FF  
}
```

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 #35E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35E4FF
}
```

Border

The CSS property to change the border of an element to Hex 35E4FF 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
#35E4FF }
```

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

```
.border{ border-color:#35E4FF }
```

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

Here you see how a box with a 4 pixel #35E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35E4FF; -webkit-box-shadow:4px 4px  
4px 4px #35E4FF; box-shadow:4px 4px 4px  
4px #35E4FF }
```

Background

The CSS property to change the background color of an element to Hex 35E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35E4FF }
```

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

```
.background{ background-color:#35E4FF }
```

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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