

# Converting Colors

Hex(35E3FF)

Have a look what the booklet for  
Hex(35E3FF) contains.

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# **Color**

**Hex(35E3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35E3FF
RGB	53, 227, 255
RGB Percent	21%, 89%, 100%
CMY	0.7922, 0.1098, 0.0000
CMYK	0.79, 0.11, 0.00, 0.00
HSL	188°, 100%, 60%
HSV	188°, 79%, 100%
XYZ	46.9873, 62.9151, 104.2751
YIQ	178.1660, -112.6920, -28.1800

# Conversions

## Conversions Part 2

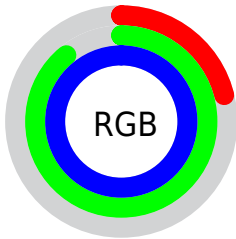
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	53, 146, 255
Decimal	3531775
CIE <sub>Lab</sub>	83.40, -33.09, -25.76
CIE <sub>LCh</sub>	83, 41.933, 217.906
Yxy	62.9151, 0.2194, 0.2938
Android (android.graphics.Color)	4281721855 (0xFF35E3FF)
YUV	178.1660, 37.8792, -109.7706
Hunter-Lab	79.3190, -33.0678, -22.4210

# Details

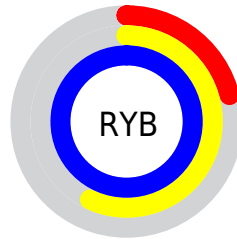
The Hex color **35E3FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5135**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **84FFFF**, and **00ABC6** is the 20% darker color. If you saturate the color by 10%, you get **1BDFFF**, and if you desaturate by 10%, it is **4FE7FF**.

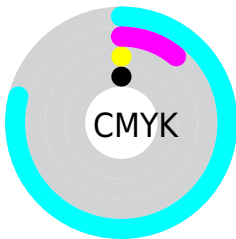
# Distribution



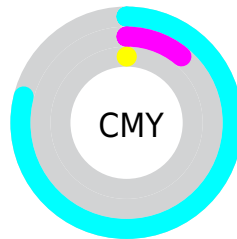
- Red (21%)
- Green (89%)
- Blue (100%)



- Red (21%)
- Yellow (57%)
- 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 35E3FF 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 35E3FF by changing the saturation by 10% instead.



 35E3FF

 35E3FF

FFFFFF

 00C7E2

 84FFFF

 00ABC6

 A6FFFF

 0090AB

 C6FFFF

 007690

 E6FFFF

 005D77

 00455E

 002E46

 001630

 00011A

 35E3FF

 35E3FF

 1BDFFF

 4FE7FF

 02DCFF

 68EAFF

 00DCFF

 82EEFF

 9BF1FF

 B4F5FF

 CEF8FF

 E8FCFF

FFFFFF

# Harmonies

## Analogous

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



51E5D9



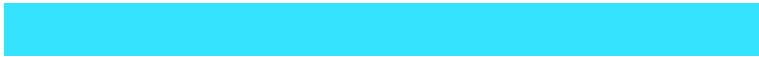
35E3FF



66DCFF

# Triad

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



35E3FF



FFB6EE



E0D181

# Complementary

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



35E3FF



FF5135

# 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.



FFC387



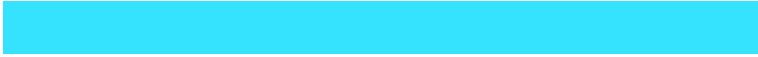
35E3FF



FFB1C7

# Square

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



35E3FF



E2C2FF



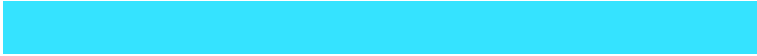
FFB7A1



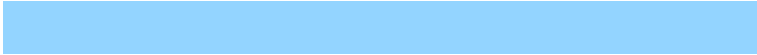
B5DC90

# Rectangle

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



35E3FF



93D4FF



FFB7A1

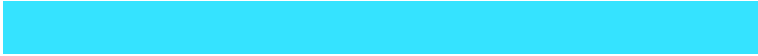


EDCC80

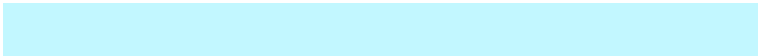


# Sweetspot

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



35E3FF



C2F7FF



35FF50



5B7A80



000000

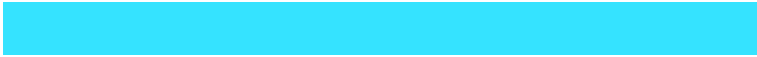


808080

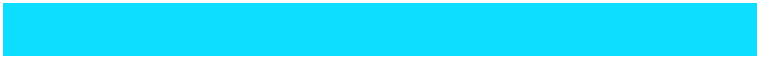


# Same Dimension

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



35E3FF



0DDDFE



357FFF



737E80



00A5BF



003740



# Inverse Universe

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



FF35E3



FF0DDD



FFB535



80737E



BF00A5

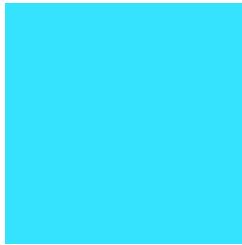


400037



# Previews

## White Background



This preview shows how the Hex color 35E3FF looks on a white background.

## Color Contrast Check

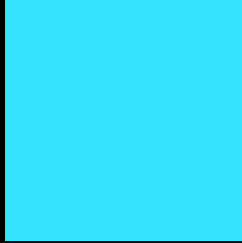
Large Text (above 18pt) WCAG AA × Fail

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 35E3FF 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 35E3FF Background



This preview shows how black text looks on a background with the Hex color 35E3FF.

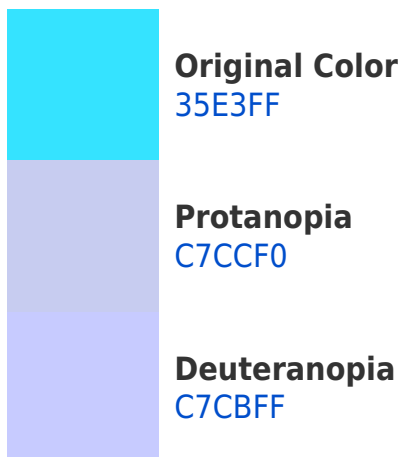


This preview shows how white text looks on a background with the Hex color 35E3FF.

# 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**  
2DE4F7

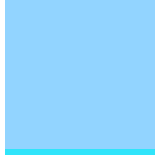
# Trichromacy



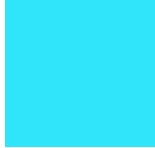
**Original Color**  
35E3FF



**Protanomaly**  
92D4F5



**Deuteranomaly**  
92D4FF

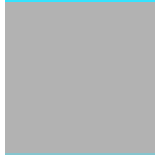


**Tritanomaly**  
30E4FA

# Monochromacy



**Original Color**  
35E3FF



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
85C4CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35E3FF 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 #35E3FF looks like.

```
.text, #text, p{  
    color:#35E3FF  
}
```

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 #35E3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35E3FF
}
```

## Border

The CSS property to change the border of an element to Hex 35E3FF 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
#35E3FF }
```

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

```
.border{ border-color:#35E3FF }
```

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

Here you see how a box with a 4 pixel #35E3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35E3FF; -webkit-box-shadow:4px 4px  
4px 4px #35E3FF; box-shadow:4px 4px 4px  
4px #35E3FF }
```

# Background

The CSS property to change the background color of an element to Hex 35E3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35E3FF }
```

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

```
.background{ background-color:#35E3FF }
```

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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