

# Converting Colors

Hex(35F7FF)

Have a look what the booklet for  
Hex(35F7FF) contains.

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# Color

Hex(35F7FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	35F7FF
RGB	53, 247, 255
RGB Percent	21%, 97%, 100%
CMY	0.7922, 0.0314, 0.0000
CMYK	0.79, 0.03, 0.00, 0.00
HSL	182°, 100%, 60%
HSV	182°, 79%, 100%
XYZ	52.7790, 74.4984, 106.2056
YIQ	189.9060, -118.1920, -38.6400

# Conversions

## Conversions Part 2

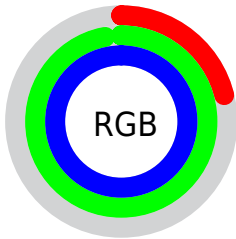
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	53, 152, 255
Decimal	3536895
CIE Lab	89.16, -42.29, -17.04
CIE LCh	89, 45.598, 201.945
Yxy	74.4984, 0.2261, 0.3191
Android (android.graphics.Color)	4281726975 (0xFF35F7FF)
YUV	189.9060, 32.0913, -120.0666
Hunter-Lab	86.3125, -41.8964, -12.5363

# Details

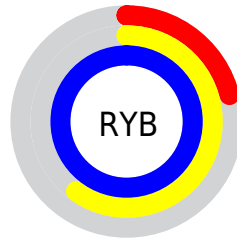
The Hex color **35F7FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3D35**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **87FFFF**, and **00BEC6** is the 20% darker color. If you saturate the color by 10%, you get **1BF6FF**, and if you desaturate by 10%, it is **4FF8FF**.

# Distribution



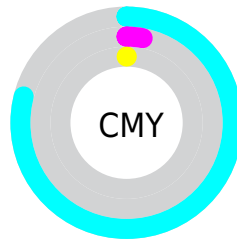
- Red (21%)
- Green (97%)
- Blue (100%)



- Red (21%)
- Yellow (60%)
- Blue (100%)



- Cyan (79%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (3%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35F7FF 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 35F7FF by changing the saturation by 10% instead.



 35F7FF

 35F7FF

FFFFFF

 00DAE2

 87FFFF

 00BEC6

 A8FFFF

 00A2AB

 C9FFFF

 008891

 E9FFFF

 006E77

 00545E

 003C47

 002730

 00011C

 35F7FF

 35F7FF

 1BF6FF

 4FF8FF

 02F5FF

 68F9FF

 00F5FF

 82FAFF

 9BFBFF

 B4FCFF

 CEFDFE

 E8FEFF

FFFFFF

# Harmonies

## Analogous

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



71F7D2



35F7FF



41F2FF

# Triad

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



35F7FF



FFC9FF



FFD98A

# Complementary

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



35F7FF



FF3D35

# 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.



FFCA9D



35F7FF



FFBFEE

# Square

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



35F7FF



D4D9FF



FFC0C2



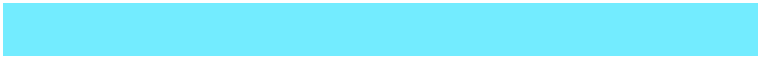
DCE78E

# Rectangle

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



35F7FF



73ECFF



FFC0C2



FFD48E



# Sweetspot

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



35F7FF



C2FDFD



35FF3C



5B7E80



000000



808080



# Same Dimension

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



35F7FF



0DF5FF



3593FF



737F80



00B8BF



003D40



# Inverse Universe

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



FF35F7



FF0DF5



FFA135



80737F



BF00B8

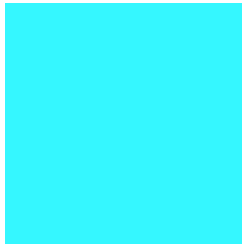


40003D



# Previews

## White Background



This preview shows how the Hex color 35F7FF looks on a white background.

## Color Contrast Check

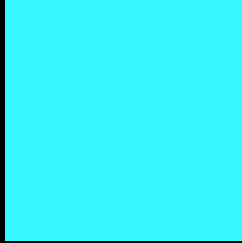
Large Text (above 18pt) WCAG AA × Fail

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 35F7FF 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

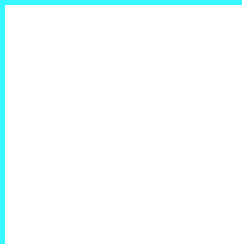
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35F7FF Background



This preview shows how black text looks on a background with the Hex color 35F7FF.

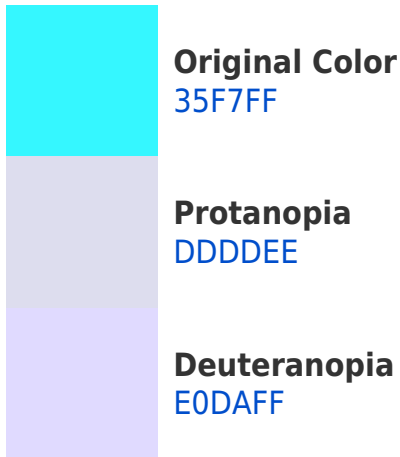


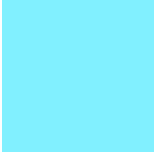
This preview shows how white text looks on a background with the Hex color 35F7FF.

# 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



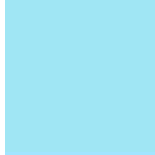


**Tritanopia**  
81F0FF

# Trichromacy



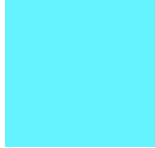
**Original Color**  
35F7FF



**Protanomaly**  
A0E6F4



**Deuteranomaly**  
A2E5FF

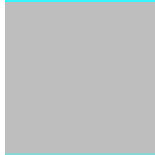


**Tritanomaly**  
65F3FF

# Monochromacy



**Original Color**  
35F7FF



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
8CD3D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35F7FF 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 #35F7FF looks like.

```
.text, #text, p{  
    color:#35F7FF  
}
```

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 #35F7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35F7FF  
}
```

## Border

The CSS property to change the border of an element to Hex 35F7FF 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  
#35F7FF }
```

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

```
.border{ border-color:#35F7FF }
```

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

Here you see how a box with a 4 pixel #35F7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35F7FF; -webkit-box-shadow:4px 4px  
4px 4px #35F7FF; box-shadow:4px 4px 4px  
4px #35F7FF }
```

# Background

The CSS property to change the background color of an element to Hex 35F7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35F7FF }
```

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

```
.background{ background-color:#35F7FF }
```

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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