

# Converting Colors

Hex(3FE0FF)

Have a look what the booklet for  
Hex(3FE0FF) contains.

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# **Color**

**Hex(3FE0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FE0FF
RGB	63, 224, 255
RGB Percent	25%, 88%, 100%
CMY	0.7529, 0.1216, 0.0000
CMYK	0.75, 0.12, 0.00, 0.00
HSL	190°, 100%, 62%
HSV	190°, 75%, 100%
XYZ	46.7556, 61.5881, 104.0312
YIQ	179.3950, -105.9070, -24.4910

# Conversions

## Conversions Part 2

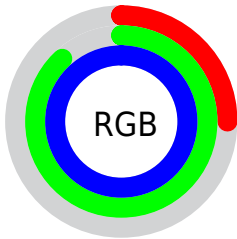
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 151, 255
Decimal	4186367
CIELab	82.69, -30.70, -26.82
CIElCh	83, 40.769, 221.140
Yxy	61.5881, 0.2202, 0.2900
Android (android.graphics.Color)	4282376447 (0xFF3FE0FF)
YUV	179.3950, 37.2733, -102.0784
Hunter-Lab	78.4781, -30.9901, -23.6606

# Details

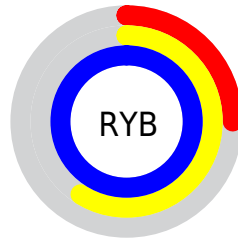
The Hex color **3FE0FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5E3F**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8AFFFF**, and **00A8C6** is the 20% darker color. If you saturate the color by 10%, you get **25DCFF**, and if you desaturate by 10%, it is **59E4FF**.

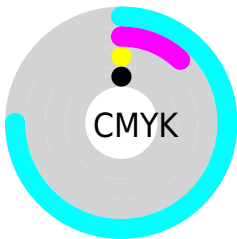
# Distribution



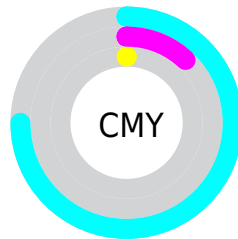
- Red (25%)
- Green (88%)
- Blue (100%)



- Red (25%)
- Yellow (59%)
- Blue (100%)



- Cyan (75%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FE0FF 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 3FE0FF by changing the saturation by 10% instead.



 3FE0FF

 3FE0FF

FFFFFF

 00C4E2

 8AFFFF

 00A8C6

 AAFFFF

 008EAB

 CAFFFF

 007490

 EAFFFF

 005B77

 00435E

 002C46

 001430

 00011A

 3FE0FF

 3FE0FF

 25DCFF

 59E4FF

 0CD8FF

 72E8FF

 00D6FF

 8CECFF

 A5F0FF

 BFF5FF

 D8F9FF

 F2FDFF

FFFFFF

# Harmonies

## Analogous

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



50E3DB



3FE0FF



70D9FF

# Triad

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



3FE0FF



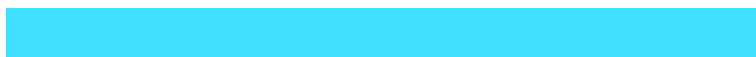
FFB4E8



D9D082

# Complementary

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



3FE0FF



FF5E3F

# 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.



FCC386



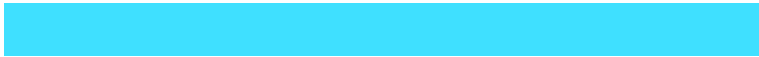
3FE0FF



FFB0C1

# Square

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



3FE0FF



E5BFFF



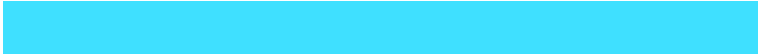
FFB79D



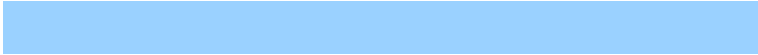
AFDA93

# Rectangle

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



3FE0FF



9AD1FF



FFB79D

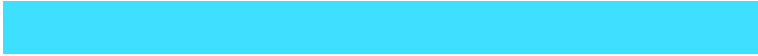


E6CC81

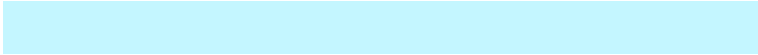


# Sweetspot

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



3FE0FF



C4F6FF



3FFF5C



5C7A80



000000



808080



# Same Dimension

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



3FE0FF



19DAFF



3F82FF



737D80



00A0BF



003540



# Inverse Universe

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



FF3FE0



FF19DA



FFBC3F



80737D



BF00A0

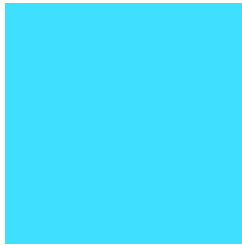


400035



# Previews

## White Background



This preview shows how the Hex color 3FE0FF looks on a white background.

## Color Contrast Check

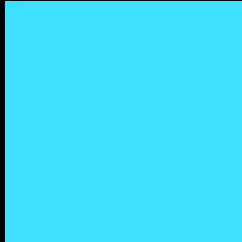
Large Text (above 18pt) WCAG AA × Fail

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 3FE0FF 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 3FE0FF Background



This preview shows how black text looks on a background with the Hex color 3FE0FF.

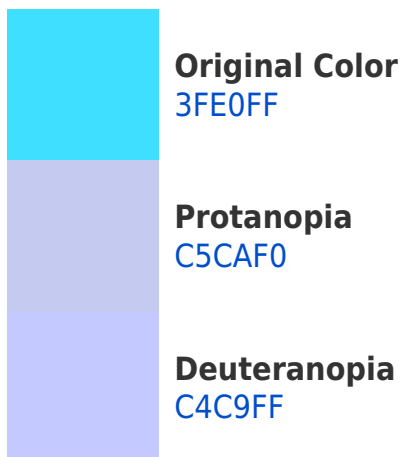


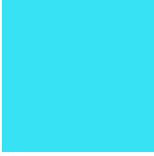
This preview shows how white text looks on a background with the Hex color 3FE0FF.

# 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**  
36E2F4

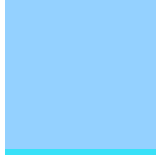
# Trichromacy



**Original Color**  
3FE0FF



**Protanomaly**  
94D2F5



**Deuteranomaly**  
94D1FF

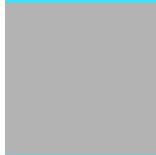


**Tritanomaly**  
39E1F8

# Monochromacy



**Original Color**  
3FE0FF



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
89C3CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FE0FF 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 #3FE0FF looks like.

```
.text, #text, p{  
    color:#3FE0FF  
}
```

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 #3FE0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FE0FF
}
```

## Border

The CSS property to change the border of an element to Hex 3FE0FF 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
#3FE0FF }
```

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

```
.border{ border-color:#3FE0FF }
```

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

Here you see how a box with a 4 pixel #3FE0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FE0FF; -webkit-box-shadow:4px 4px  
4px 4px #3FE0FF; box-shadow:4px 4px 4px  
4px #3FE0FF }
```

# Background

The CSS property to change the background color of an element to Hex 3FE0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FE0FF }
```

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

```
.background{ background-color:#3FE0FF }
```

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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