

# Converting Colors

Hex(3FACFC)

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

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# **Color**

**Hex(3FACFC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3FACFC
RGB	63, 172, 252
RGB Percent	25%, 67%, 99%
CMY	0.7529, 0.3255, 0.0118
CMYK	0.75, 0.32, 0.00, 0.01
HSL	205°, 97%, 62%
HSV	205°, 75%, 99%
XYZ	34.3731, 37.5901, 97.5394
YIQ	148.5290, -90.6440, 1.7720

# Conversions

## Conversions Part 2

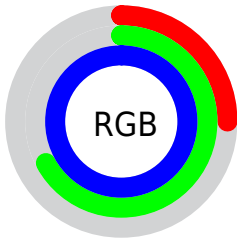
Format	Color
R <sub>YB</sub>	63, 132, 252
Decimal	4173052
CIE Lab	67.72, -4.62, -48.46
CIE LCh	68, 48.678, 264.552
Yxy	37.5901, 0.2028, 0.2218
Android (android.graphics.Color)	4282363132 (0xFF3FACFC)
YUV	148.5290, 51.0112, -75.0089
Hunter-Lab	61.3108, -7.2200, -51.4071

# Details

The Hex color **3FACFC** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FC8F3F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **86E3FF**, and **0078C3** is the 20% darker color. If you saturate the color by 10%, you get **26A1FC**, and if you desaturate by 10%, it is **58B7FC**.

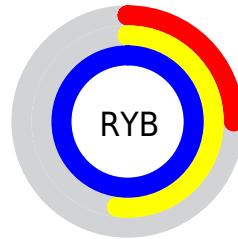
# Distribution



Red (25%)

Green (67%)

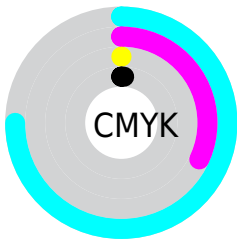
Blue (99%)



Red (25%)

Yellow (52%)

Blue (99%)

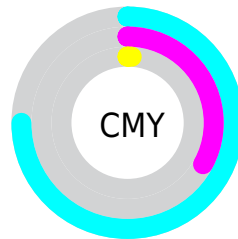


Cyan (75%)

Magenta (32%)

Yellow (0%)

Black (1%)



Cyan (75%)

Magenta (33%)

Yellow (1%)

# Brightness & Saturation Gradients

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



 3FACFC

 3FACFC

FFFFFF

 0092DF

 86E3FF

 0078C3

 A6FFFF

 0060A7

 C5FFFF

 00488D

 E4FFFF

 003273

 001E5A

 000742

 00032B

 000115

■ 3FACFC

■ 3FACFC

■ 26A1FC

■ 58B7FC

■ 0D97FC

■ 71C1FC

■ 0091FC

■ 8BCCFC

■ A4D7FC

■ BDE1FC

■ D6ECFC

■ EFF7FC

FFFFFC

# Harmonies

## Analogous

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



00B6EC



3FACFC



9C9DF5

# Triad

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



3FACFC



F78383



66B670

# Complementary

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



3FACFC



FC8F3F

# 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.



9BAD52



3FACFC



E7905F

# Square

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



3FACFC



F281AF



C6A04B



00BB9B

# Rectangle

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



3FACFC



C491E4



C6A04B



79B464

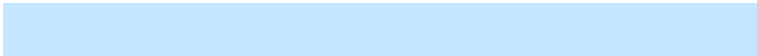


# Sweetspot

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



3FACFC



C4E6FF



3FFC8E



5C7080



000000



808080

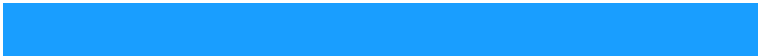


# Same Dimension

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



3FACFC



199EFF



3F4FFC



70787D



006DBD



00233D



# Inverse Universe

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



FC3FAC



FF199E



FCEC3F



7D7078



BD006D



3D0023



# Previews

## White Background



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

## Color Contrast Check

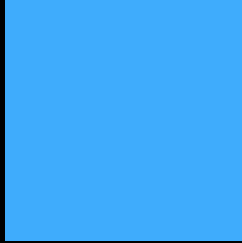
Large Text (above 18pt) WCAG AA × Fail

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 3FACFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

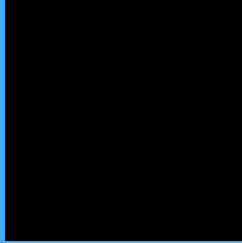
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

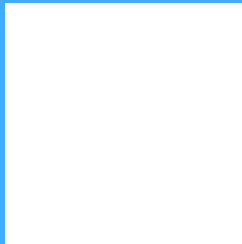
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FACFC Background



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

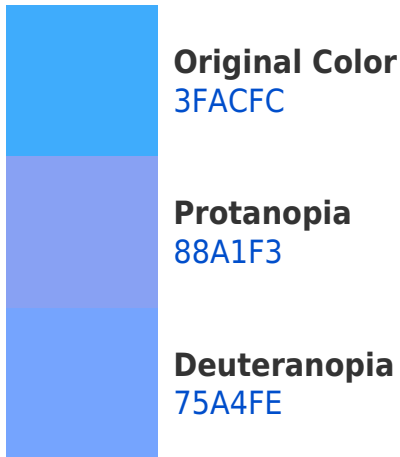


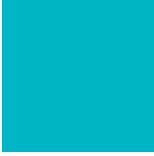
This preview shows how white text looks on a background with the Hex color 3FACFC.

# 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](#).

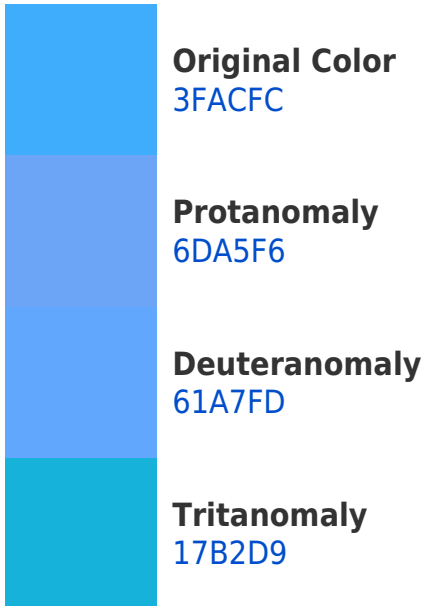
## Dichromacy



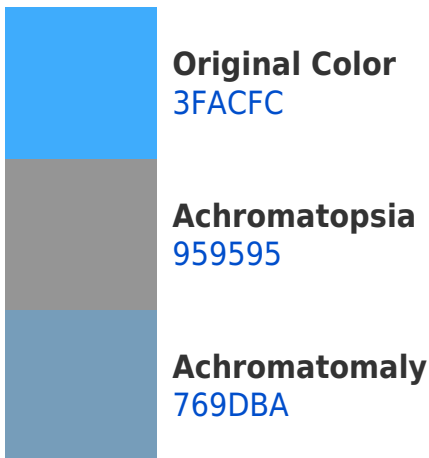


**Tritanopia**  
00B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #3FACFC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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