

Converting Colors

Hex(3FA7FC)

Have a look what the booklet for
Hex(3FA7FC) contains.

Hex(3FA7FC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3FA7FC)

Conversions

Conversions Part 1

Format	Color
Hex	3FA7FC
RGB	63, 167, 252
RGB Percent	25%, 65%, 99%
CMY	0.7529, 0.3451, 0.0118
CMYK	0.75, 0.34, 0.00, 0.01
HSL	207°, 97%, 62%
HSV	207°, 75%, 99%
XYZ	33.4393, 35.7225, 97.2281
YIQ	145.5940, -89.2690, 4.3870

Conversions

Conversions Part 2

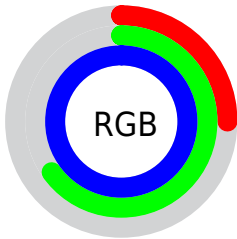
Format	Color
R _{YB}	63, 130, 252
Decimal	4171772
CIE Lab	66.31, -1.80, -50.68
CIE LCh	66, 50.716, 267.967
Yxy	35.7225, 0.2010, 0.2147
Android (android.graphics.Color)	4282361852 (0xFF3FA7FC)
YUV	145.5940, 52.4582, -72.4349
Hunter-Lab	59.7683, -4.7269, -54.6123

Details

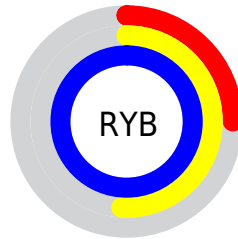
The Hex color **3FA7FC** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FC943F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **86DEFF**, and **0074C3** is the 20% darker color. If you saturate the color by 10%, you get **269CFC**, and if you desaturate by 10%, it is **58B2FC**.

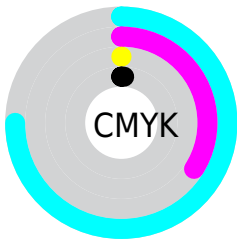
Distribution



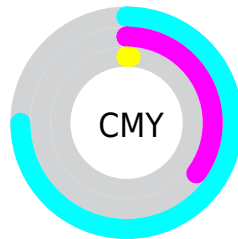
- Red (25%)
- Green (65%)
- Blue (99%)



- Red (25%)
- Yellow (51%)
- Blue (99%)



- Cyan (75%)
- Magenta (34%)
- Yellow (0%)
- Black (1%)



- Cyan (75%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FA7FC 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 3FA7FC by changing the saturation by 10% instead.

 3FA7FC

 3FA7FC


FFFFFF

 008DDF

 86DEFF

 0074C3

 A6FAFF

 005BA7

 C5FFFF

 00448D

 E4FFFF

 002F73

 001B59

 000741

 00032A

 000115

■ 3FA7FC

■ 3FA7FC

■ 269CFC

■ 58B2FC

■ 0D90FC

■ 71BEFC

■ 008BFC

■ 8BC9FC

■ A4D4FC

■ BDE0FC

■ D6EBFC

■ EFF6FC

FFFFFC

Harmonies

Analogous

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



00B2EE



3FA7FC



9F96F2

Triad

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



3FA7FC



F57E79



57B46F

Complementary

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



3FA7FC



FC943F

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.



91AB4D



3FA7FC



E18D55

Square

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



3FA7FC



F27AA6



BE9E43



00B89C

Rectangle

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



3FA7FC



C78ADF



BE9E43



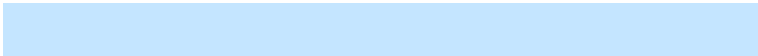
6CB162

Sweetspot

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



3FA7FC



C4E5FF



3FFC91



5C6F80



000000



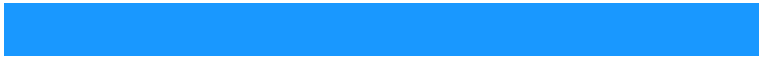
808080

Same Dimension

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



3FA7FC



1998FF



3F4CFC



70777D



0068BD



00223D

Inverse Universe

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



FC3FA7



FF1998



FCEF3F



7D7077



BD0068



3D0022

Previews

White Background



This preview shows how the Hex color 3FA7FC looks on a white background.

Color Contrast Check

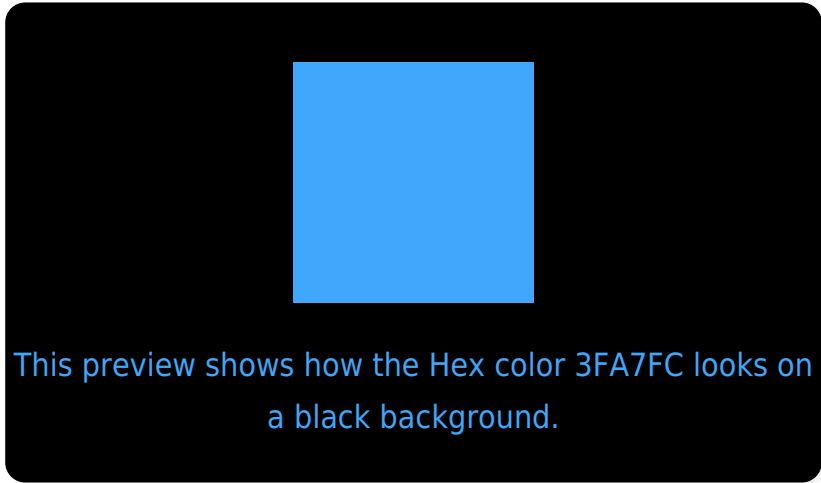
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

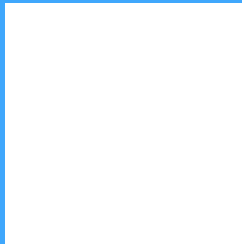
Any Text WCAG AAA ✓ Pass

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

Hex 3FA7FC Background



This preview shows how black text looks on a background with the Hex color 3FA7FC.



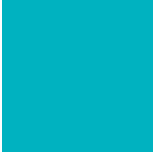
This preview shows how white text looks on a background with the Hex color 3FA7FC.

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](#).

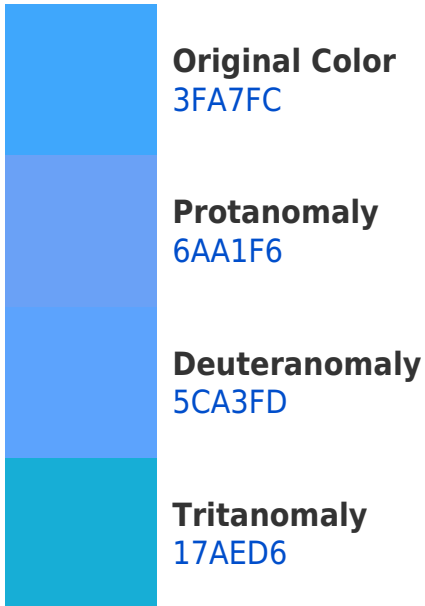
Dichromacy



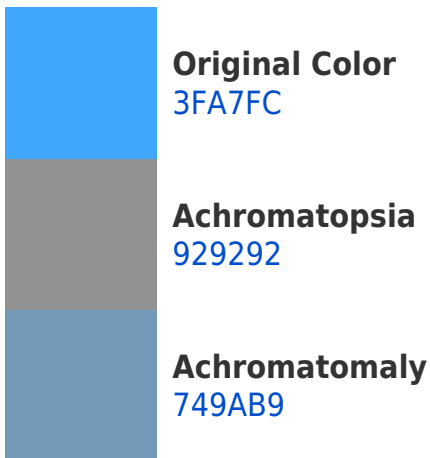


Tritanopia
00B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FA7FC 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 #3FA7FC looks like.

```
.text, #text, p{  
    color:#3FA7FC  
}
```

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 #3FA7FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA7FC  
}
```

Border

The CSS property to change the border of an element to Hex 3FA7FC 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  
#3FA7FC }
```

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

```
.border{ border-color:#3FA7FC }
```

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

Here you see how a box with a 4 pixel #3FA7FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA7FC; -webkit-box-shadow:4px 4px  
4px 4px #3FA7FC; box-shadow:4px 4px 4px  
4px #3FA7FC }
```

Background

The CSS property to change the background color of an element to Hex 3FA7FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA7FC }
```

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

```
.background{ background-color:#3FA7FC }
```

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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