

Converting Colors

Hex(3F9FFB)

Have a look what the booklet for
Hex(3F9FFB) contains.

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Color

Hex(3F9FFB)

Conversions

Conversions Part 1

Format	Color
Hex	3F9FFB
RGB	63, 159, 251
RGB Percent	25%, 62%, 98%
CMY	0.7529, 0.3765, 0.0157
CMYK	0.75, 0.37, 0.00, 0.02
HSL	209°, 96%, 62%
HSV	209°, 75%, 98%
XYZ	31.8606, 32.8181, 95.9221
YIQ	140.7840, -86.7480, 8.2600

Conversions

Conversions Part 2

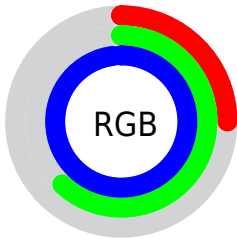
Format	Color
R _{YB}	63, 127, 251
Decimal	4169723
CIE Lab	64.01, 2.44, -53.77
CIE LCh	64, 53.828, 272.603
Yxy	32.8181, 0.1984, 0.2043
Android (android.graphics.Color)	4282359803 (0xFF3F9FFB)
YUV	140.7840, 54.3365, -68.2166
Hunter-Lab	57.2871, -0.9783, -59.1749

Details

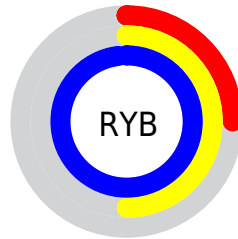
The Hex color **3F9FFB** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FB9B3F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **86D5FF**, and **006CC2** is the 20% darker color. If you saturate the color by 10%, you get **2693FB**, and if you desaturate by 10%, it is **58ABFB**.

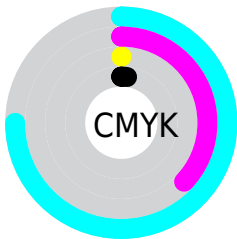
Distribution



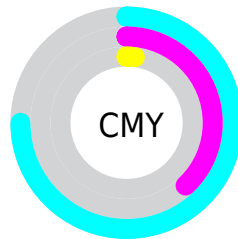
- Red (25%)
- Green (62%)
- Blue (98%)



- Red (25%)
- Yellow (50%)
- Blue (98%)



- Cyan (75%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (75%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9FFB 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 3F9FFB by changing the saturation by 10% instead.

 3F9FFB

 3F9FFB

FFFFFF

 0085DE

 86D5FF

 006CC2

 A5F2FF

 0054A6

 C4FFFF

 003E8B

 E4FFFF

 002971

 001558

 000740

 000329

 000113

■ 3F9FFB

■ 3F9FFB

■ 2693FB

■ 58ABFB

■ 0D86FB

■ 71B8FB

■ 0080FB

■ 8AC4FB

■ A3D0FB

■ BCDCFB

■ D6E9FB

■ EFF5FB

■ FFFFFB

Harmonies

Analogous

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



00ACF0



3F9FFB



A38DEC

Triad

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



3F9FFB



F0776A



3BAF6D

Complementary

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



3F9FFB



FB9B3F

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.



81A746



3F9FFB



D98845

Square

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



3F9FFB



F27099



B29A35



00B39E

Rectangle

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



3F9FFB



CA80D6



B29A35



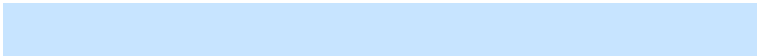
57AD5E

Sweetspot

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



3F9FFB



C7E4FF



3FFB9A



5E6F80



000000



808080

Same Dimension

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



3F9FFB



198FFF



3F42FB



70777D



0060BD



001F3D

Inverse Universe

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



FB3F9F



FF198F



FBF83F



7D7077



BD0060



3D001F

Previews

White Background



This preview shows how the Hex color 3F9FFB looks on a white background.

Color Contrast Check

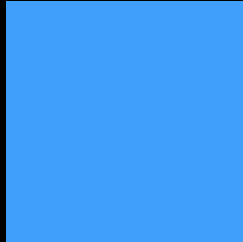
Large Text (above 18pt) WCAG AA × Fail

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 3F9FFB 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

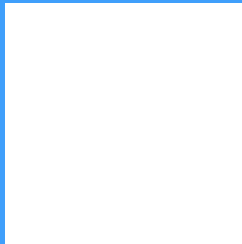
Any Text WCAG AAA ✓ Pass

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

Hex 3F9FFB Background



This preview shows how black text looks on a background with the Hex color 3F9FFB.



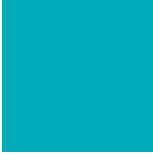
This preview shows how white text looks on a background with the Hex color 3F9FFB.

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](#).

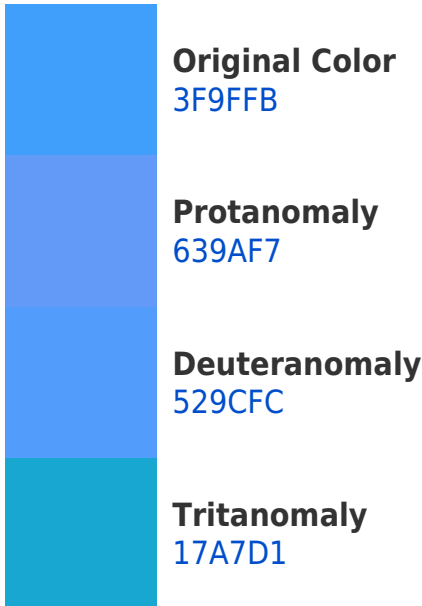
Dichromacy



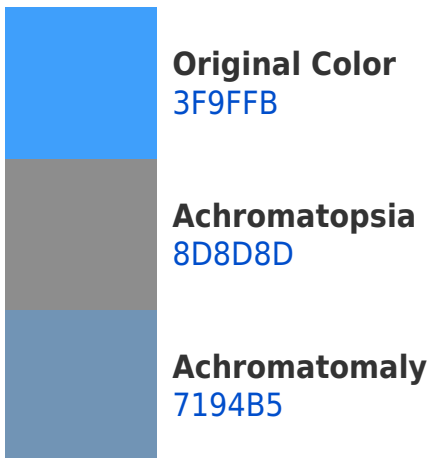


Tritanopia
00ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9FFB 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 #3F9FFB looks like.

```
.text, #text, p{  
    color:#3F9FFB  
}
```

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 #3F9FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9FFB
}
```

Border

The CSS property to change the border of an element to Hex 3F9FFB 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
#3F9FFB }
```

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

```
.border{ border-color:#3F9FFB }
```

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

Here you see how a box with a 4 pixel #3F9FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9FFB; -webkit-box-shadow:4px 4px  
4px 4px #3F9FFB; box-shadow:4px 4px 4px  
4px #3F9FFB }
```

Background

The CSS property to change the background color of an element to Hex 3F9FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9FFB }
```

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

```
.background{ background-color:#3F9FFB }
```

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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