

# Converting Colors

Hex(7F9FF3)

Have a look what the booklet for  
Hex(7F9FF3) contains.

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# **Color**

**Hex(7F9FF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F9FF3
RGB	127, 159, 243
RGB Percent	50%, 62%, 95%
CMY	0.5020, 0.3765, 0.0471
CMYK	0.48, 0.35, 0.00, 0.05
HSL	223°, 83%, 73%
HSV	223°, 48%, 95%
XYZ	37.3282, 35.7794, 89.7327
YIQ	159.0080, -46.0360, 19.3400

# Conversions

## Conversions Part 2

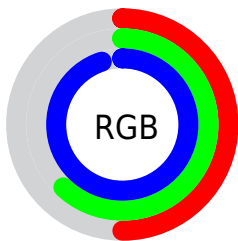
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 152, 243
Decimal	8364019
CIE <sub>Lab</sub>	66.35, 11.20, -45.53
CIE <sub>LCh</sub>	66, 46.883, 283.818
Y <sub>xy</sub>	35.7794, 0.2292, 0.2197
Android (android.graphics.Color)	4286554099 (0xFF7F9FF3)
YUV	159.0080, 41.4081, -28.0710
Hunter-Lab	59.8159, 6.7155, -47.0728

# Details

The Hex color **7F9FF3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F3D37F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B9D5FF**, and **456CBA** is the 20% darker color. If you saturate the color by 10%, you get **678DF3**, and if you desaturate by 10%, it is **97B1F3**.

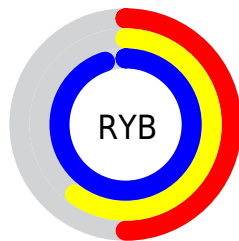
# Distribution



Red (50%)

Green (62%)

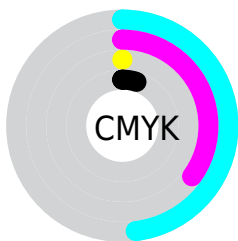
Blue (95%)



Red (50%)

Yellow (60%)

Blue (95%)

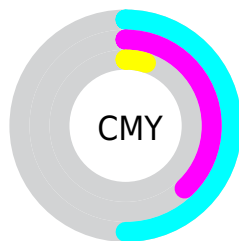


Cyan (48%)

Magenta (35%)

Yellow (0%)

Black (5%)



Cyan (50%)

Magenta (38%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9FF3 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 7F9FF3 by changing the saturation by 10% instead.



 7F9FF3

 7F9FF3

FFFFFF

 6285D6

 B9D5FF

 456CBA

 D6F2FF

 22549F

 F4FFFF

 003D85

 00286B

 001552

 00063A

 000224

 00000C

■ 7F9FF3

■ 7F9FF3

■ 678DF3

■ 97B1F3

■ 4E7CF3

■ B0C2F3

■ 366AF3

■ C8D4F3

■ 1E59F3

■ E0E5F3

■ 0647F3

■ F8F7F3

■ 0043F3

■ FFFFF3

# Harmonies

## Analogous

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



00ACF2



7F9FF3



BE8FDE

# Triad

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



7F9FF3



E88869



37B588

# Complementary

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



7F9FF3



F3D37F

# 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.



79AF62



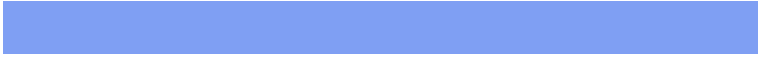
7F9FF3



CE9750

# Square

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



7F9FF3



F17F8F



A8A54D



00B7B4

# Rectangle

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



7F9FF3



DA85C7



A8A54D



52B47B



# Sweetspot

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



7F9FF3



DBE5FF



7FF3D2



6A7080



000000



808080



# Same Dimension

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



7F9FF3



6E96FF



987FF3



6E727A



0033BA



00103B



# Inverse Universe

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



F37F9F



FF6E96



DAF37F



7A6E72



BA0033



3B0010



# Previews

## White Background



This preview shows how the Hex color 7F9FF3 looks on a white background.

## Color Contrast Check

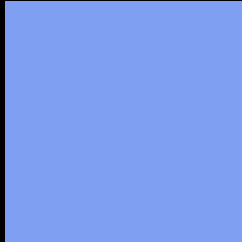
Large Text (above 18pt) WCAG AA × Fail

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 7F9FF3 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 7F9FF3 Background



This preview shows how black text looks on a background with the Hex color 7F9FF3.



This preview shows how white text looks on a background with the Hex color 7F9FF3.

# 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



**Original Color**  
7F9FF3

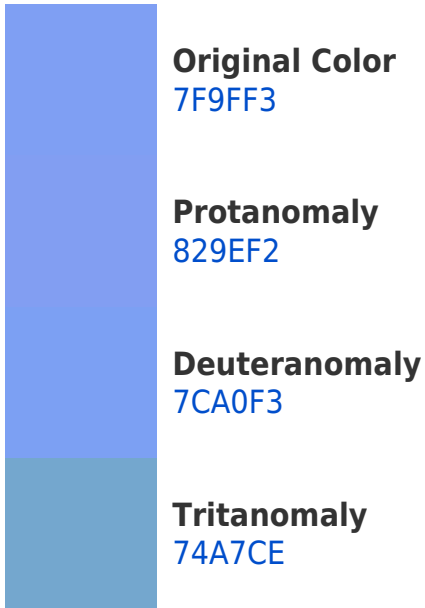
**Protanopia**  
849EF2

**Deuteranopia**  
7AA0F3

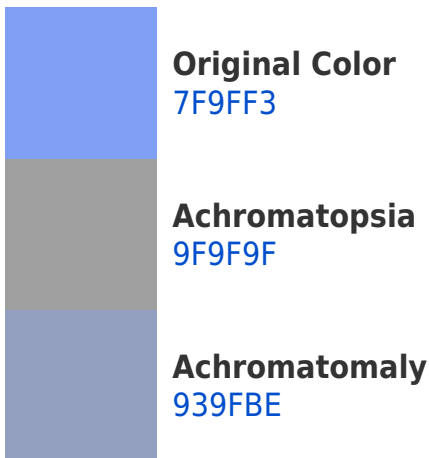


**Tritanopia**  
6DABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9FF3 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 #7F9FF3 looks like.

```
.text, #text, p{  
    color:#7F9FF3  
}
```

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 #7F9FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9FF3
}
```

## Border

The CSS property to change the border of an element to Hex 7F9FF3 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
#7F9FF3 }
```

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

```
.border{ border-color:#7F9FF3 }
```

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

Here you see how a box with a 4 pixel #7F9FF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9FF3; -webkit-box-shadow:4px 4px  
4px 4px #7F9FF3; box-shadow:4px 4px 4px  
4px #7F9FF3 }
```

# Background

The CSS property to change the background color of an element to Hex 7F9FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9FF3 }
```

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

```
.background{ background-color:#7F9FF3 }
```

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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