

# Converting Colors

Hex(7A9FFF)

Have a look what the booklet for  
Hex(7A9FFF) contains.

<b>Hex(7A9FFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7A9FFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A9FFF
RGB	122, 159, 255
RGB Percent	48%, 62%, 100%
CMY	0.5216, 0.3765, 0.0000
CMYK	0.52, 0.38, 0.00, 0.00
HSL	223°, 100%, 74%
HSV	223°, 52%, 100%
XYZ	38.4742, 36.1538, 99.5583
YIQ	158.8810, -52.8680, 22.0120

# Conversions

## Conversions Part 2

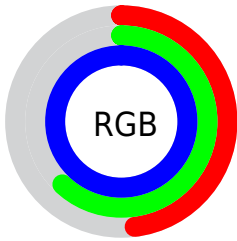
Format	Color
R <sub>YB</sub>	122, 151, 255
Decimal	8036351
CIE Lab	66.64, 13.67, -51.64
CIE LCh	67, 53.421, 284.830
Yxy	36.1538, 0.2209, 0.2076
Android (android.graphics.Color)	4286226431 (0xFF7A9FFF)
YUV	158.8810, 47.3867, -32.3446
Hunter-Lab	60.1281, 8.9928, -56.0810

# Details

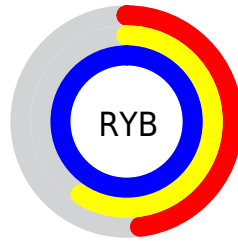
The Hex color **7A9FFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFDA7A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B5D5FF**, and **3B6CC6** is the 20% darker color. If you saturate the color by 10%, you get **618DFF**, and if you desaturate by 10%, it is **94B1FF**.

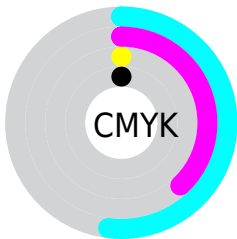
# Distribution



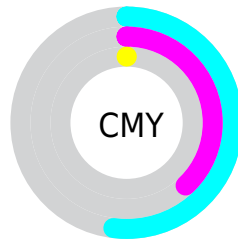
- Red (48%)
- Green (62%)
- Blue (100%)



- Red (48%)
- Yellow (59%)
- Blue (100%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A9FFF 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 7A9FFF by changing the saturation by 10% instead.



 7A9FFF

 7A9FFF

FFFFFF

 5C85E2

 B5D5FF

 3B6CC6

 D3F2FF

 0B54AA

 F1FFFF

 003E8F

 002975

 00165C

 000743

 00032C

 000117

■ 7A9FFF

■ 7A9FFF

■ 618DFF

■ 94B1FF

■ 477AFF

■ ADC4FF

■ 2E68FF

■ C7D6FF

■ 1455FF

■ E0E9FF

■ 0047FF

■ FAFBFF

FFFFFF

# Harmonies

## Analogous

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



00AEFE



7A9FFF



C48CE7

# Triad

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



7A9FFF



F08560



00B887

# Complementary

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



7A9FFF



FFDA7A

# 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.



70B25B



7A9FFF



D29743

# Square

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



7A9FFF



FC798C



A6A740



00BAB9

# Rectangle

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



7A9FFF



E380CC



A6A740



3DB777



# Sweetspot

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



7A9FFF



D6E2FF



7AFFD9



676E80



000000



808080



# Same Dimension

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



7A9FFF



5E8BFF



977AFF



737680



0035BF



001240



# Inverse Universe

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



FF7A9F



FF5E8B



E2FF7A



807376



BF0035

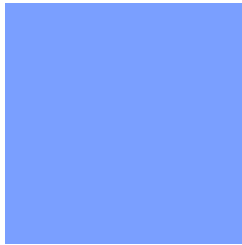


400012



# Previews

## White Background



This preview shows how the Hex color 7A9FFF looks on a white background.

## Color Contrast Check

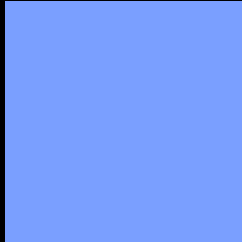
Large Text (above 18pt) WCAG AA × Fail

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 7A9FFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

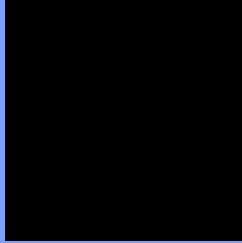
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

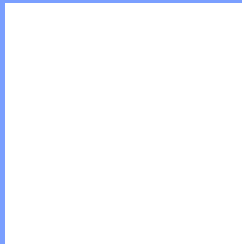
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A9FFF Background



This preview shows how black text looks on a background with the Hex color 7A9FFF.



This preview shows how white text looks on a background with the Hex color 7A9FFF.

# 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**

7A9FFF

**Protanopia**

7D9EFE

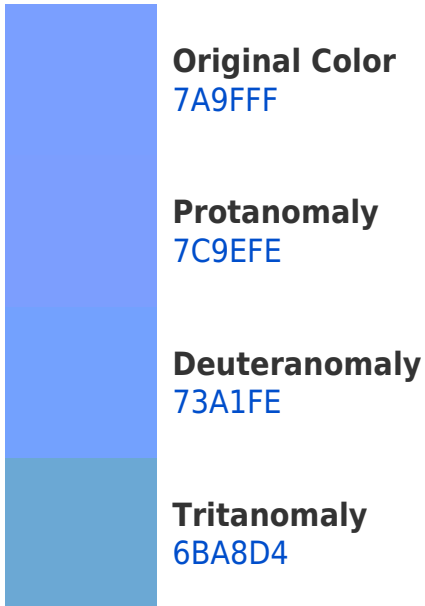
**Deuteranopia**

6FA2FE

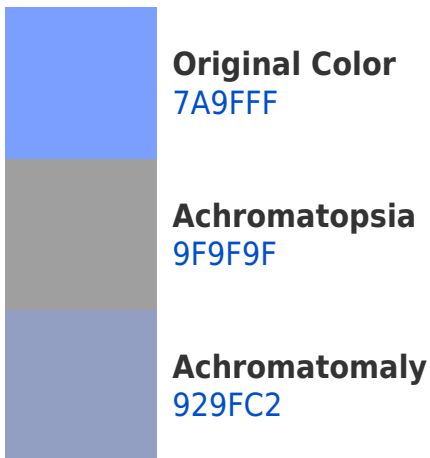


**Tritanopia**  
63ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A9FFF 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 #7A9FFF looks like.

```
.text, #text, p{  
    color:#7A9FFF  
}
```

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 #7A9FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9FFF  
}
```

## Border

The CSS property to change the border of an element to Hex 7A9FFF 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  
#7A9FFF }
```

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

```
.border{ border-color:#7A9FFF }
```

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

Here you see how a box with a 4 pixel #7A9FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9FFF; -webkit-box-shadow:4px 4px  
4px 4px #7A9FFF; box-shadow:4px 4px 4px  
4px #7A9FFF }
```

# Background

The CSS property to change the background color of an element to Hex 7A9FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9FFF }
```

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

```
.background{ background-color:#7A9FFF }
```

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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