

# Converting Colors

Hex(7BA8F9)

Have a look what the booklet for  
Hex(7BA8F9) contains.

<b>Hex(7BA8F9)</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(7BA8F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BA8F9
RGB	123, 168, 249
RGB Percent	48%, 66%, 98%
CMY	0.5176, 0.3412, 0.0235
CMYK	0.51, 0.33, 0.00, 0.02
HSL	219°, 91%, 73%
HSV	219°, 51%, 98%
XYZ	39.2699, 39.0558, 95.0913
YIQ	163.7790, -52.8210, 15.6510

# Conversions

## Conversions Part 2

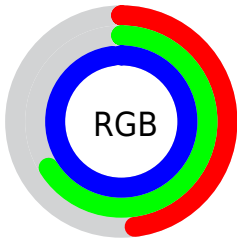
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	123, 156, 249
Decimal	8104185
CIE Lab	68.79, 6.92, -44.98
CIE LCh	69, 45.508, 278.746
Yxy	39.0558, 0.2264, 0.2252
Android (android.graphics.Color)	4286294265 (0xFF7BA8F9)
YUV	163.7790, 42.0140, -35.7632
Hunter-Lab	62.4946, 2.7989, -46.4690

# Details

The Hex color **7BA8F9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F9CC7B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B5DFFF**, and **3E74C0** is the 20% darker color. If you saturate the color by 10%, you get **6298F9**, and if you desaturate by 10%, it is **94B8F9**.

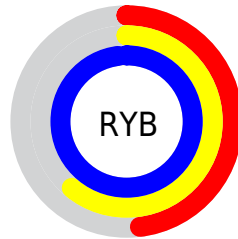
# Distribution



Red (48%)

Green (66%)

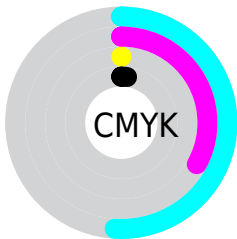
Blue (98%)



Red (48%)

Yellow (61%)

Blue (98%)

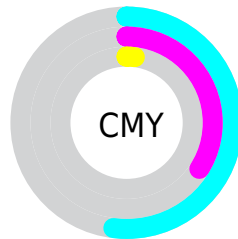


Cyan (51%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (52%)

Magenta (34%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BA8F9 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 7BA8F9 by changing the saturation by 10% instead.



 7BA8F9

 7BA8F9

FFFFFF

 5E8EDC

 B5DFFF

 3E74C0

 D3FBFF

 165CA5

 F1FFFF

 00458A

 002F70

 001B57

 00053F

 000329

 000112

■ 7BA8F9

■ 7BA8F9

■ 6298F9

■ 94B8F9

■ 4988F9

■ ADC8F9

■ 3078F9

■ C6D8F9

■ 1768F9

■ DFE8F9

■ 0059F9

■ F8F8F9

■ FFFFF9

# Harmonies

## Analogous

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



00B4F4



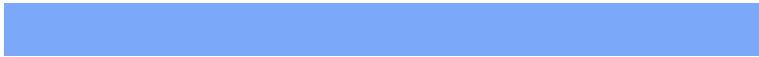
7BA8F9



BB98E8

# Triad

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



7BA8F9



F18D76



51BB89

# Complementary

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



7BA8F9



F9CC7B

# 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.



89B466



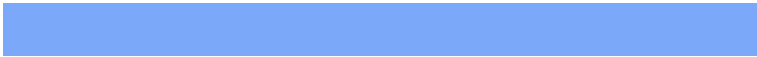
7BA8F9



D99B5B

# Square

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



7BA8F9



F6869D



B6A954



00BDB3

# Rectangle

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



7BA8F9



D98FD3



B6A954



66B97C



# Sweetspot

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



7BA8F9



D9E6FF



7BF9CB



697180



000000



808080



# Same Dimension

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



7BA8F9



639BFF



8C7BF9



70757D



0043BD



00163D



# Inverse Universe

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



F97BA8



FF639B



E8F97B



7D7075



BD0043

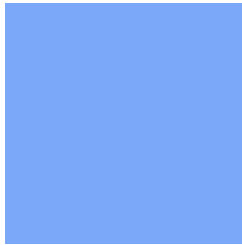


3D0016



# Previews

## White Background



This preview shows how the Hex color 7BA8F9 looks on a white background.

## Color Contrast Check

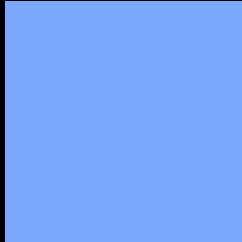
Large Text (above 18pt) WCAG AA × Fail

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 7BA8F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

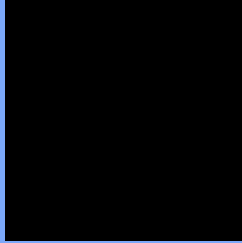
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

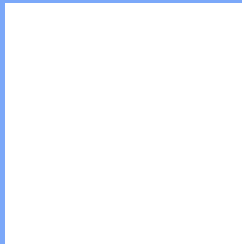
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BA8F9 Background



This preview shows how black text looks on a background with the Hex color 7BA8F9.



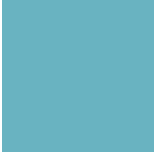
This preview shows how white text looks on a background with the Hex color 7BA8F9.

# 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](#).

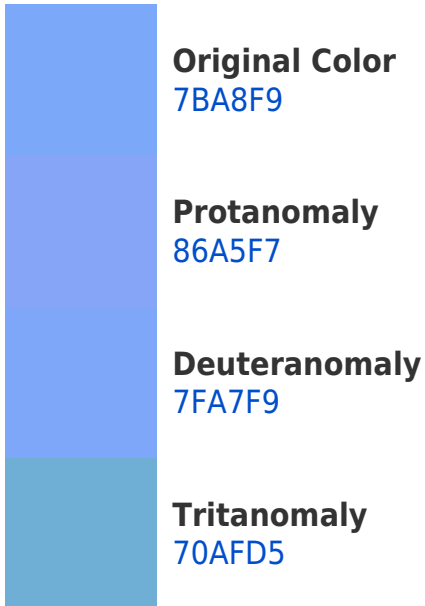
## Dichromacy



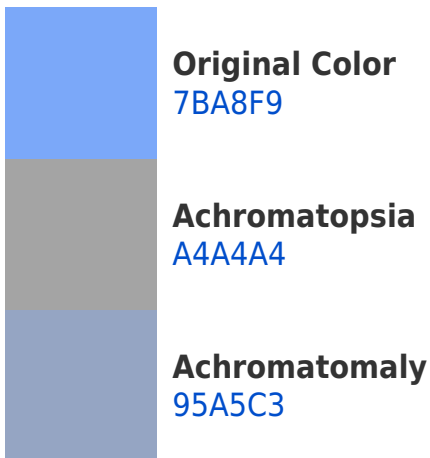


**Tritanopia**  
69B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BA8F9 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 #7BA8F9 looks like.

```
.text, #text, p{  
    color:#7BA8F9  
}
```

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 #7BA8F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA8F9
}
```

## Border

The CSS property to change the border of an element to Hex 7BA8F9 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
#7BA8F9 }
```

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

```
.border{ border-color:#7BA8F9 }
```

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

Here you see how a box with a 4 pixel #7BA8F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA8F9; -webkit-box-shadow:4px 4px  
4px 4px #7BA8F9; box-shadow:4px 4px 4px  
4px #7BA8F9 }
```

# Background

The CSS property to change the background color of an element to Hex 7BA8F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA8F9 }
```

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

```
.background{ background-color:#7BA8F9 }
```

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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