

# Converting Colors

Hex(7F9DF0)

Have a look what the booklet for  
Hex(7F9DF0) contains.

<b>Hex(7F9DF0)</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(7F9DF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F9DF0
RGB	127, 157, 240
RGB Percent	50%, 62%, 94%
CMY	0.5020, 0.3843, 0.0588
CMYK	0.47, 0.35, 0.00, 0.06
HSL	224°, 79%, 72%
HSV	224°, 47%, 94%
XYZ	36.5375, 34.9172, 87.2520
YIQ	157.4920, -44.5230, 19.4530

# Conversions

## Conversions Part 2

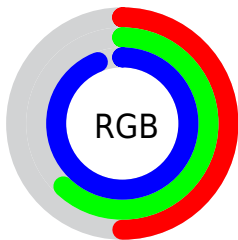
Format	Color
<a href="#">RYB</a>	<a href="#">127, 151, 240</a>
Decimal	<a href="#">8363504</a>
CIELab	<a href="#">65.68, 11.47, -44.93</a>
CIELCh	<a href="#">66, 46.373, 284.318</a>
Yxy	<a href="#">34.9172, 0.2302, 0.2200</a>
Android (android.graphics.Color)	<a href="#">4286553584</a> ( <a href="#">0xFF7F9DF0</a> )
YUV	<a href="#">157.4920, 40.6764, -26.7415</a>
Hunter-Lab	<a href="#">59.0908, 6.9628, -46.1826</a>

# Details

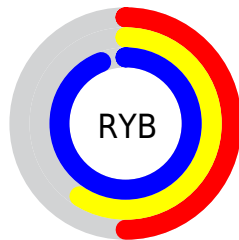
The Hex color **7F9DF0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F0D27F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B8D3FF**, and **456AB8** is the 20% darker color. If you saturate the color by 10%, you get **678BF0**, and if you desaturate by 10%, it is **97AFF0**.

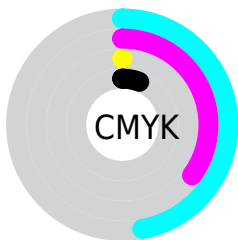
# Distribution



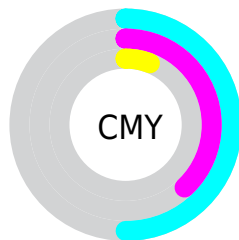
- Red (50%)
- Green (62%)
- Blue (94%)



- Red (50%)
- Yellow (59%)
- Blue (94%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (38%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9DF0 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 7F9DF0 by changing the saturation by 10% instead.



 7F9DF0

 7F9DF0

FFFFFF

 6283D3

 B8D3FF

 456AB8

 D6F0FF

 24529C

 F3FFFF

 003C82

 002768

 001350

 000538

 000222

 000007

■ 7F9DF0

■ 7F9DF0

■ 678BF0

■ 97AFF0

■ 4F7AF0

■ AFC0F0

■ 3768F0

■ C7D2F0

■ 1F56F0

■ DFE4F0

■ 0745F0

■ F7F5F0

■ 0040F0

■ FFFFF0

# Harmonies

## Analogous

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



00AAEF



7F9DF0



BD8DDB

# Triad

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



7F9DF0



E58767



35B388

# Complementary

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



7F9DF0



F0D27F

# 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.



77AE62



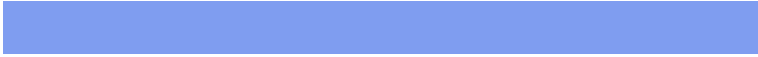
7F9DF0



CB964F

# Square

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



7F9DF0



EE7D8D



A5A44C



00B5B3

# Rectangle

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



7F9DF0



D883C4



A5A44C



50B27A



# Sweetspot

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



7F9DF0



DBE5FF



7FF0D2



6A7080



000000



808080



# Same Dimension

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



7F9DF0



6E94FF



997FF0



6C6F78



0031B8



000F38



# Inverse Universe

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



F07F9D



FF6E94



D6F07F



786C6F



B80031

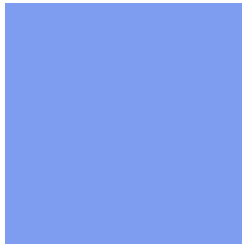


38000F



# Previews

## White Background



This preview shows how the Hex color 7F9DF0 looks on a white background.

## Color Contrast Check

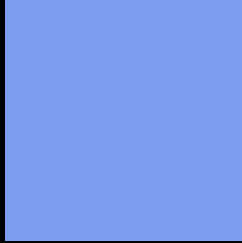
Large Text (above 18pt) WCAG AA × Fail

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 7F9DF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

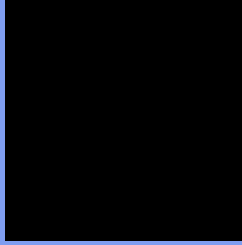
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7F9DF0 Background



This preview shows how black text looks on a background with the Hex color 7F9DF0.



This preview shows how white text looks on a background with the Hex color 7F9DF0.

# 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](#).

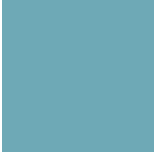
## Dichromacy



**Original Color**  
7F9DF0

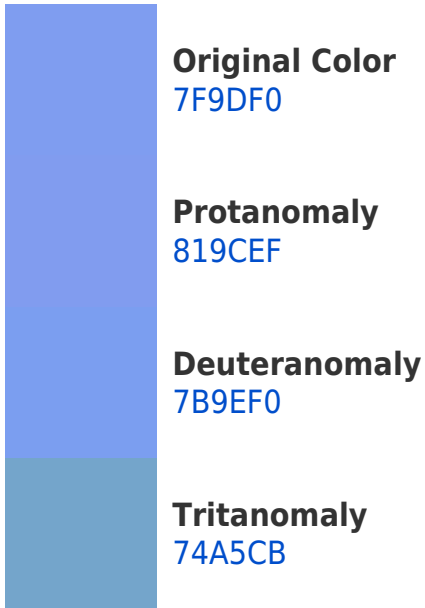
**Protanopia**  
829CEF

**Deuteranopia**  
799EF0

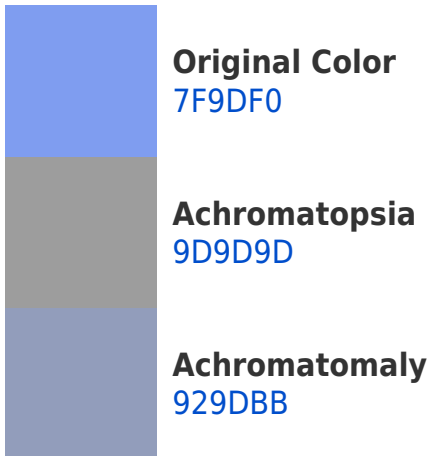


**Tritanopia**  
6EA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9DF0 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 #7F9DF0 looks like.

```
.text, #text, p{  
    color:#7F9DF0  
}
```

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 #7F9DF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9DF0
}
```

## Border

The CSS property to change the border of an element to Hex 7F9DF0 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
#7F9DF0 }
```

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

```
.border{ border-color:#7F9DF0 }
```

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

Here you see how a box with a 4 pixel #7F9DF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9DF0; -webkit-box-shadow:4px 4px  
4px 4px #7F9DF0; box-shadow:4px 4px 4px  
4px #7F9DF0 }
```

# Background

The CSS property to change the background color of an element to Hex 7F9DF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9DF0 }
```

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

```
.background{ background-color:#7F9DF0 }
```

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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