

# Converting Colors

Hex(7E9EFB)

Have a look what the booklet for  
Hex(7E9EFB) contains.

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# **Color**

**Hex(7E9EFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E9EFB
RGB	126, 158, 251
RGB Percent	49%, 62%, 98%
CMY	0.5059, 0.3804, 0.0157
CMYK	0.50, 0.37, 0.00, 0.02
HSL	225°, 94%, 74%
HSV	225°, 50%, 98%
XYZ	38.2436, 35.8544, 96.1717
YIQ	159.0340, -48.9250, 22.1390

# Conversions

## Conversions Part 2

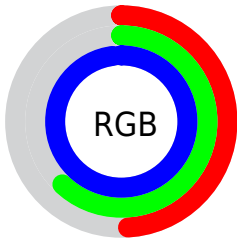
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 151, 251</a>
Decimal	<a href="#">8298235</a>
CIELab	<a href="#">66.41, 13.92, -49.81</a>
CIELCh	<a href="#">66, 51.718, 285.613</a>
Yxy	<a href="#">35.8544, 0.2246, 0.2106</a>
Android (android.graphics.Color)	<a href="#">4286488315 (0xFF7E9EFB)</a>
YUV	<a href="#">159.0340, 45.3392, -28.9708</a>
Hunter-Lab	<a href="#">59.8785, 9.2182, -53.3115</a>

# Details

The Hex color **7E9EFB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FBDB7E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B8D4FF**, and **426BC2** is the 20% darker color. If you saturate the color by 10%, you get **658BFB**, and if you desaturate by 10%, it is **97B1FB**.

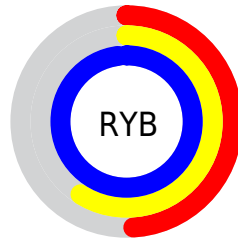
# Distribution



Red (49%)

Green (62%)

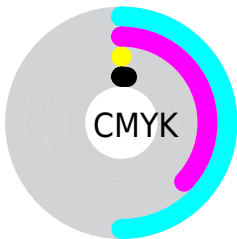
Blue (98%)



Red (49%)

Yellow (59%)

Blue (98%)

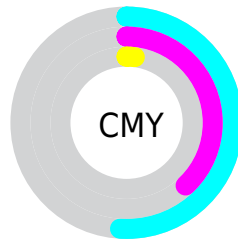


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (38%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E9EFB 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 7E9EFB by changing the saturation by 10% instead.



 7E9EFB

 7E9EFB

FFFFFF

 6184DE

 B8D4FF

 426BC2

 D6F1FF

 1B53A6

 F4FFFF

 003D8C

 002872

 001558

 000740

 000329

 000113

■ 7E9EFB

■ 7E9EFB

■ 658BFB

■ 97B1FB

■ 4C79FB

■ B0C3FB

■ 3366FB

■ C9D6FB

■ 1A53FB

■ E2E9FB

■ 0041FB

■ FBFBBF

■ 0040FB

■ FFFFFB

# Harmonies

## Analogous

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



00ADFB



7E9EFB



C48BE3

# Triad

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



7E9EFB



ED8661



08B789

# Complementary

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



7E9EFB



FBDB7E

# 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.



70B15E



7E9EFB



CF9745

# Square

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



7E9EFB



F97A8B



A5A743



00B9B9

# Rectangle

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



7E9EFB



E280C9



A5A743



3FB679



# Sweetspot

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



7E9EFB



D9E3FF



7EFBDA



696E80



000000



808080



# Same Dimension

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



7E9EFB



668DFF



9B7EFB



70747D



0030BD



00103D



# Inverse Universe

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



FB7E9E



FF668D



DEFB7E



7D7074



BD0030

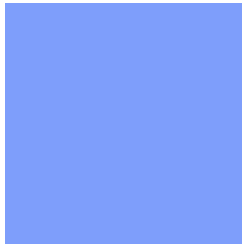


3D0010



# Previews

## White Background



This preview shows how the Hex color 7E9EFB looks on a white background.

## Color Contrast Check

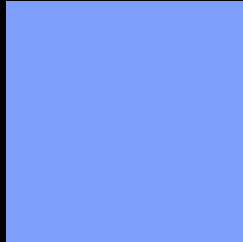
Large Text (above 18pt) WCAG AA × Fail

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 7E9EFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

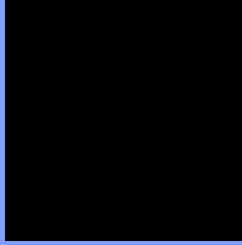
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7E9EFB Background



This preview shows how black text looks on a background with the Hex color 7E9EFB.



This preview shows how white text looks on a background with the Hex color 7E9EFB.

# 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**  
7E9EFB

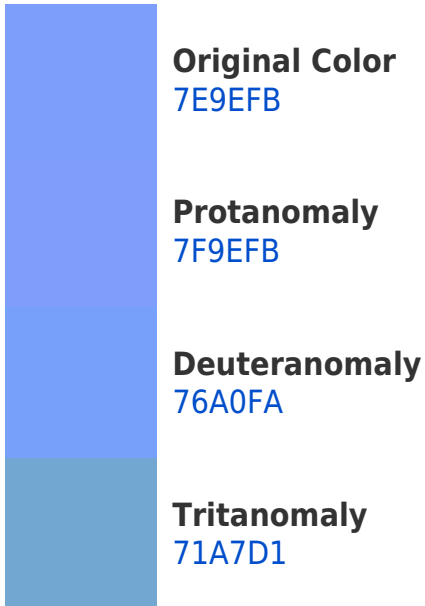
**Protanopia**  
7F9EFB

**Deuteranopia**  
72A1FA

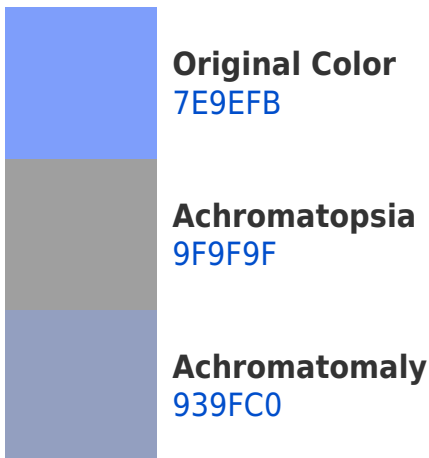


**Tritanopia**  
69ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E9EFB 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 #7E9EFB looks like.

```
.text, #text, p{  
    color:#7E9EFB  
}
```

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 #7E9EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9EFB
}
```

## Border

The CSS property to change the border of an element to Hex 7E9EFB 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
#7E9EFB }
```

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

```
.border{ border-color:#7E9EFB }
```

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

Here you see how a box with a 4 pixel #7E9EFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9EFB; -webkit-box-shadow:4px 4px  
4px 4px #7E9EFB; box-shadow:4px 4px 4px  
4px #7E9EFB }
```

# Background

The CSS property to change the background color of an element to Hex 7E9EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9EFB }
```

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

```
.background{ background-color:#7E9EFB }
```

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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