

# Converting Colors

Hex(7E9CFD)

Have a look what the booklet for  
Hex(7E9CFD) contains.

<b>Hex(7E9CFD)</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(7E9CFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E9CFD
RGB	126, 156, 253
RGB Percent	49%, 61%, 99%
CMY	0.5059, 0.3882, 0.0078
CMYK	0.50, 0.38, 0.00, 0.01
HSL	226°, 97%, 74%
HSV	226°, 50%, 99%
XYZ	38.2223, 35.3044, 97.7284
YIQ	158.0880, -49.0170, 23.8070

# Conversions

## Conversions Part 2

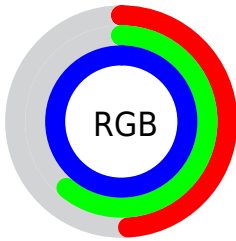
Format	Color
R <sub>YB</sub>	126, 150, 253
Decimal	8297725
CIE <sub>Lab</sub>	65.98, 15.68, -51.57
CIE <sub>LCh</sub>	66, 53.899, 286.908
Y <sub>xy</sub>	35.3044, 0.2232, 0.2062
Android (android.graphics.Color)	4286487805 (0xFF7E9CFD)
YUV	158.0880, 46.7916, -28.1412
Hunter-Lab	59.4175, 10.8454, -55.9264

# Details

The Hex color **7E9CFD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FDDF7E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B9D2FF**, and **4169C4** is the 20% darker color. If you saturate the color by 10%, you get **6589FD**, and if you desaturate by 10%, it is **97AFFD**.

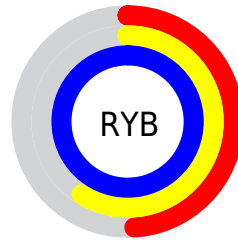
# Distribution



Red (49%)

Green (61%)

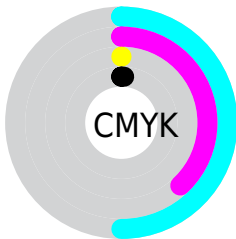
Blue (99%)



Red (49%)

Yellow (59%)

Blue (99%)

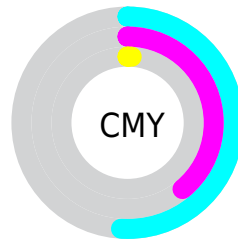


Cyan (50%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (51%)

Magenta (39%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E9CFD 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 7E9CFD by changing the saturation by 10% instead.



 7E9CFD

 7E9CFD

FFFFFF

 6082E0

 B9D2FF

 4169C4

 D6EEFF

 1A51A8

 F4FFFF

 003B8D

 002673

 00135A

 000742

 00032B

 000115

 7E9CFD

 7E9CFD

 6589FD

 97AFFD

 4B75FD

 B1C3FD

 3262FD

 CAD6FD

 194FFD

 E3E9FD

 003CFD

 FDFDFD

FFFFFFD

# Harmonies

## Analogous

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



00ACFE



7E9CFD



C688E3

# Triad

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



7E9CFD



ED845B



00B789

# Complementary

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



7E9CFD



FDDF7E

# 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.



6AB15B



7E9CFD



CD963F

# Square

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



7E9CFD



FA7787



A1A63E



00B8BB

# Rectangle

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



7E9CFD



E47DC7



A1A63E



31B679



# Sweetspot

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



7E9CFD



D9E2FF



7EFDDD



696E80



000000



808080



# Same Dimension

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



7E9CFD



668AFF



9E7EFD



737680



002DBF



000F40



# Inverse Universe

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



FD7E9C



FF668A



DDFD7E



807376



BF002D

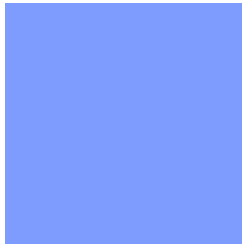


40000F



# Previews

## White Background



This preview shows how the Hex color 7E9CFD looks on a white background.

## Color Contrast Check

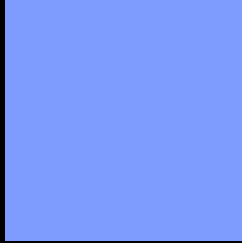
Large Text (above 18pt) WCAG AA × Fail

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 7E9CFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

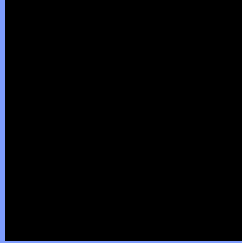
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7E9CFD Background



This preview shows how black text looks on a background with the Hex color 7E9CFD.



This preview shows how white text looks on a background with the Hex color 7E9CFD.

# 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](#).

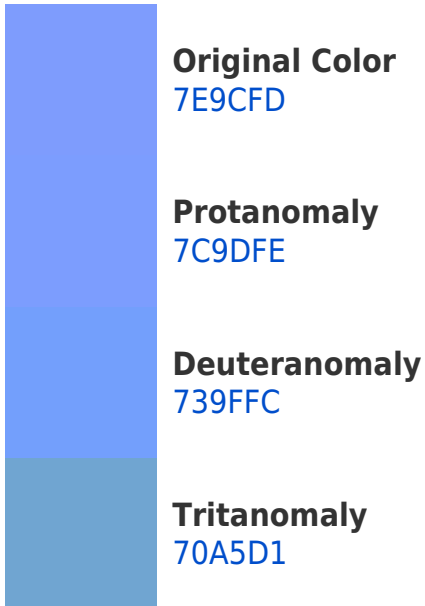
## Dichromacy



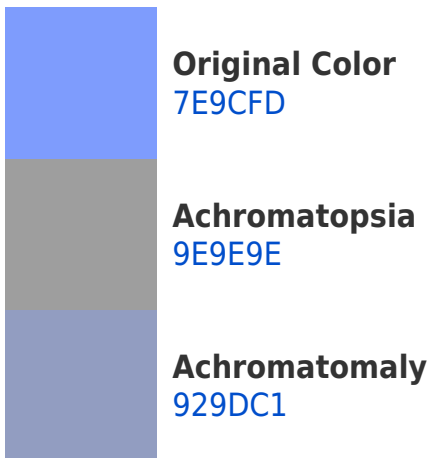


**Tritanopia**  
68AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E9CFD 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 #7E9CFD looks like.

```
.text, #text, p{  
    color:#7E9CFD  
}
```

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 #7E9CFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9CFD
}
```

## Border

The CSS property to change the border of an element to Hex 7E9CFD 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
#7E9CFD }
```

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

```
.border{ border-color:#7E9CFD }
```

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

Here you see how a box with a 4 pixel #7E9CFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9CFD; -webkit-box-shadow:4px 4px  
4px 4px #7E9CFD; box-shadow:4px 4px 4px  
4px #7E9CFD }
```

# Background

The CSS property to change the background color of an element to Hex 7E9CFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9CFD }
```

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

```
.background{ background-color:#7E9CFD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor