

# Converting Colors

Hex(7794FA)

Have a look what the booklet for  
Hex(7794FA) contains.

<b>Hex(7794FA)</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(7794FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7794FA
RGB	119, 148, 250
RGB Percent	47%, 58%, 98%
CMY	0.5333, 0.4196, 0.0196
CMYK	0.52, 0.41, 0.00, 0.02
HSL	227°, 93%, 72%
HSV	227°, 52%, 98%
XYZ	35.4530, 32.0039, 94.7513
YIQ	150.9570, -50.0260, 25.5740

# Conversions

## Conversions Part 2

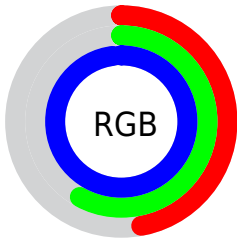
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 143, 250</a>
Decimal	<a href="#">7836922</a>
CIELab	<a href="#">63.35, 17.91, -54.14</a>
CIELCh	<a href="#">63, 57.026, 288.307</a>
Yxy	<a href="#">32.0039, 0.2186, 0.1973</a>
Android (android.graphics.Color)	<a href="#">4286027002 (0xFF7794FA)</a>
YUV	<a href="#">150.9570, 48.8282, -28.0263</a>
Hunter-Lab	<a href="#">56.5720, 12.8629, -59.7033</a>

# Details

The Hex color **7794FA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FADD77**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B2CAFF**, and **3862C1** is the 20% darker color. If you saturate the color by 10%, you get **5E81FA**, and if you desaturate by 10%, it is **90A7FA**.

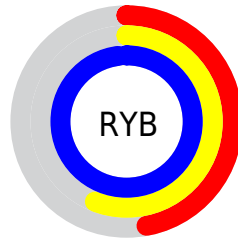
# Distribution



Red (47%)

Green (58%)

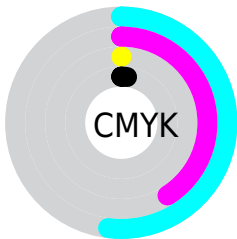
Blue (98%)



Red (47%)

Yellow (56%)

Blue (98%)

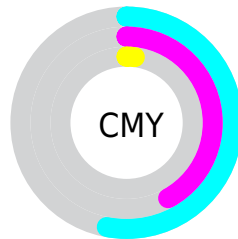


Cyan (52%)

Magenta (41%)

Yellow (0%)

Black (2%)



Cyan (53%)

Magenta (42%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7794FA 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 7794FA by changing the saturation by 10% instead.



 7794FA

 7794FA

FFFFFF

 597ADD

 B2CAFF

 3862C1

 D0E6FF

 024AA5

 EEEFFF

 00348A

 002070

 000A57

 00063F

 000328

 000112

■ 7794FA

■ 7794FA

■ 5E81FA

■ 90A7FA

■ 456DFA

■ A9BBFA

■ 2C5AFA

■ C2CEFA

■ 1346FA

■ DBE2FA

■ 0037FA

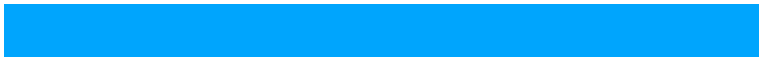
■ F4F5FA

■ FFFFFA

# Harmonies

## Analogous

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



00A5FD



7794FA



C37FDD

# Triad

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



7794FA



E77C4F



00B183

# Complementary

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



7794FA



FADD77

# 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.



5BAB52



7794FA



C59030

# Square

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



7794FA



F76D7C



97A031



00B2B8

# Rectangle

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



7794FA



E272C0



97A031



00AF72



# Sweetspot

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



7794FA



D6DFFF



77FADB



676D80



000000



808080



# Same Dimension

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



7794FA



5E82FF



9A77FA



70737D



002ABD



000E3D



# Inverse Universe

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



FA7794



FF5E82



D7FA77



7D7073



BD002A

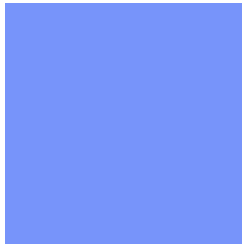


3D000E



# Previews

## White Background



This preview shows how the Hex color 7794FA looks on a white background.

## Color Contrast Check

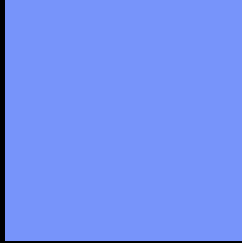
Large Text (above 18pt) WCAG AA × Fail

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 7794FA 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 7794FA Background



This preview shows how black text looks on a background with the Hex color 7794FA.



This preview shows how white text looks on a background with the Hex color 7794FA.

# 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**  
7794FA

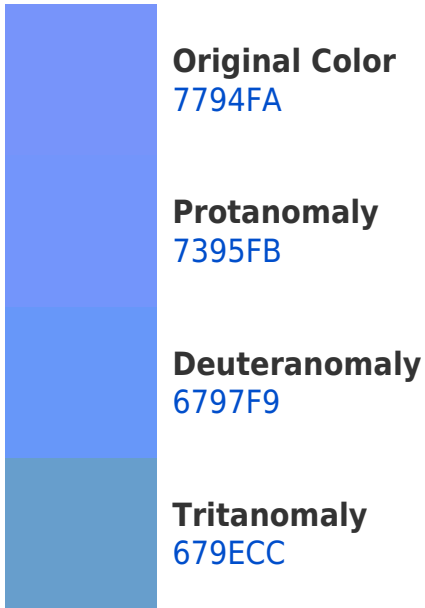
**Protanopia**  
7095FB

**Deuteranopia**  
5E99F9

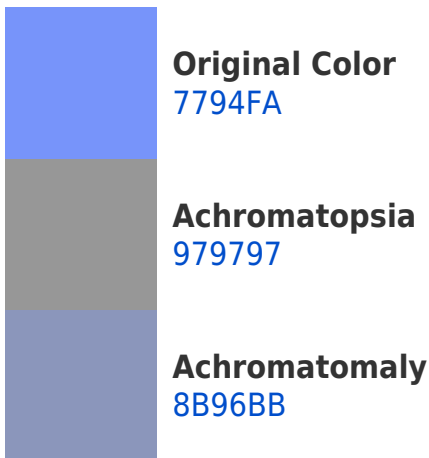


**Tritanopia**  
5EA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7794FA 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 #7794FA looks like.

```
.text, #text, p{  
    color:#7794FA  
}
```

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 #7794FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7794FA
}
```

## Border

The CSS property to change the border of an element to Hex 7794FA 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
#7794FA }
```

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

```
.border{ border-color:#7794FA }
```

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

Here you see how a box with a 4 pixel #7794FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7794FA; -webkit-box-shadow:4px 4px  
4px 4px #7794FA; box-shadow:4px 4px 4px  
4px #7794FA }
```

# Background

The CSS property to change the background color of an element to Hex 7794FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7794FA }
```

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

```
.background{ background-color:#7794FA }
```

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