

# Converting Colors

Hex(7794FE)

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

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# **Color**

**Hex(7794FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7794FE
RGB	119, 148, 254
RGB Percent	47%, 58%, 100%
CMY	0.5333, 0.4196, 0.0039
CMYK	0.53, 0.42, 0.00, 0.00
HSL	227°, 99%, 73%
HSV	227°, 53%, 100%
XYZ	36.0870, 32.2575, 98.0903
YIQ	151.4130, -51.3100, 26.8180

# Conversions

## Conversions Part 2

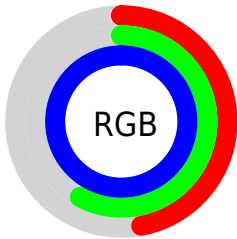
Format	Color
<a href="#">RYB</a>	<a href="#">119, 143, 254</a>
Decimal	<a href="#">7836926</a>
CIELab	<a href="#">63.56, 19.14, -56.00</a>
CIElCh	<a href="#">64, 59.179, 288.875</a>
Yxy	<a href="#">32.2575, 0.2168, 0.1938</a>
Android (android.graphics.Color)	<a href="#">4286027006 (0xFF7794FE)</a>
YUV	<a href="#">151.4130, 50.5754, -28.4262</a>
Hunter-Lab	<a href="#">56.7957, 14.0235, -62.6411</a>

# Details

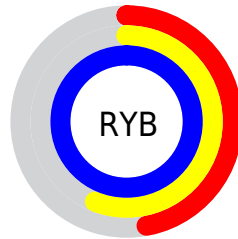
The Hex color **7794FE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FEE177**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B2CAFF**, and **3762C5** is the 20% darker color. If you saturate the color by 10%, you get **5E80FE**, and if you desaturate by 10%, it is **90A8FE**.

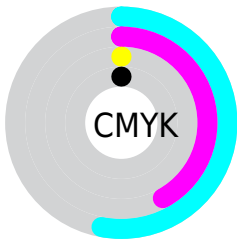
# Distribution



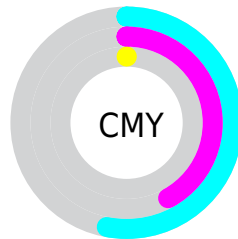
- Red (47%)
- Green (58%)
- Blue (100%)



- Red (47%)
- Yellow (56%)
- Blue (100%)



- Cyan (53%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 7794FE

 7794FE

FFFFFF

 587AE1

 B2CAFF

 3762C5

 D0E6FF

 004AA9

 EEEFFF

 00348E

 002074

 000B5B

 000742

 00032B

 000115

 7794FE

 7794FE

 5E80FE


 90A8FE

 446CFE

 AABC FE

 2B58FE

 C3D0FE

 1144FE

 DDE4FE

 0037FE

 F6F8FE

FFFFFFE

# Harmonies

## Analogous

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



00A5FF



7794FE



C67EE0

# Triad

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



7794FE



EA7B4C



00B284

# Complementary

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



7794FE



FEE177

# 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.



56AC51



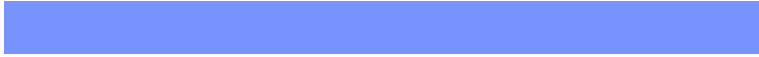
7794FE



C6902B

# Square

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



7794FE



FA6B7B



96A12C



00B3BA

# Rectangle

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



7794FE



E670C1



96A12C



00B172



# Sweetspot

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



7794FE



D6DFFF



77FEE1



676C80



000000



808080



# Same Dimension

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



7794FE



5C7FFF



9D77FE



737580



0029BF



000E40



# Inverse Universe

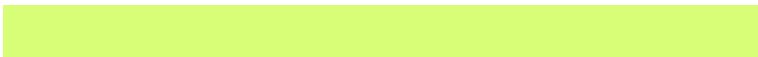
The Inverse Universe completely reimagines the original color for something new.



FE7794



FF5C7F



D8FE77



807375



BF0029

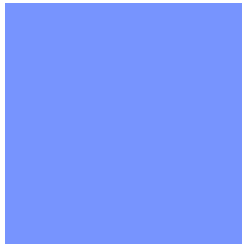


40000E



# Previews

## White Background



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

## Color Contrast Check

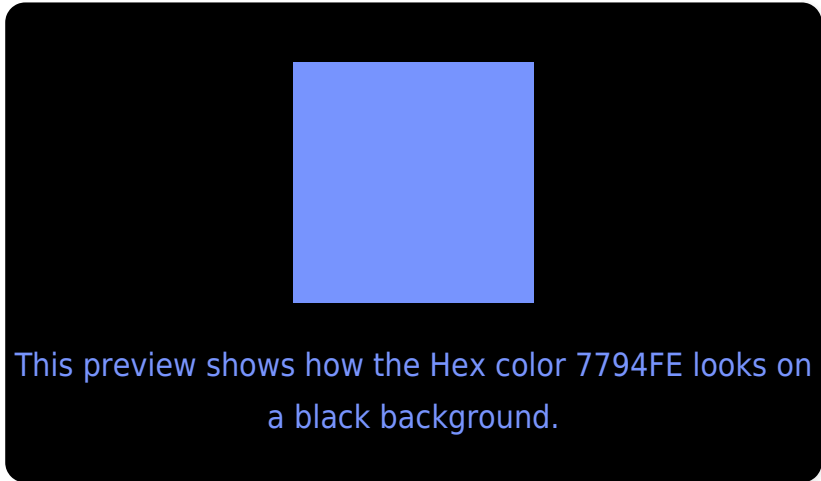
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

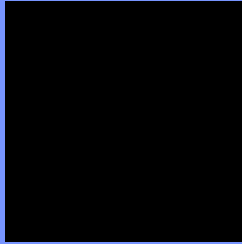
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7794FE Background



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



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

# 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



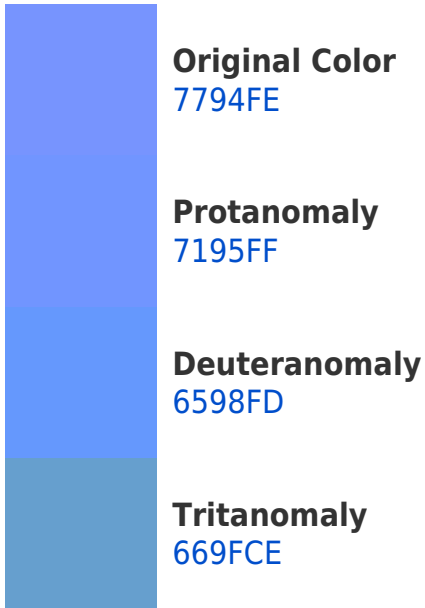
**Original Color**  
7794FE

**Protanopia**  
6E96FF

**Deuteranopia**  
5A9AFD



# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7794FE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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