

# Converting Colors

Hex(7B74FE)

Have a look what the booklet for  
Hex(7B74FE) contains.

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# Color

Hex(7B74FE)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B74FE
RGB	123, 116, 254
RGB Percent	48%, 45%, 100%
CMY	0.5176, 0.5451, 0.0039
CMYK	0.52, 0.54, 0.00, 0.00
HSL	243°, 99%, 73%
HSV	243°, 54%, 100%
XYZ	32.3032, 23.8575, 96.6683
YIQ	133.8250, -40.1260, 44.4020

# Conversions

## Conversions Part 2

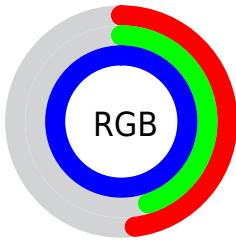
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 116, 254</a>
Decimal	<a href="#">8090878</a>
CIELab	<a href="#">55.94, 38.82, -68.18</a>
CIElCh	<a href="#">56, 78.459, 299.658</a>
Yxy	<a href="#">23.8575, 0.2114, 0.1561</a>
Android (android.graphics.Color)	<a href="#">4286280958</a> ( <a href="#">0xFF7B74FE</a> )
YUV	<a href="#">133.8250, 59.2463, -9.4935</a>
Hunter-Lab	<a href="#">48.8441, 32.5741, -83.1510</a>

# Details

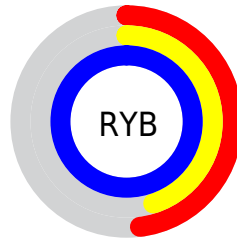
The Hex color **7B74FE** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **F7FE74**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B7A8FF**, and **3A44C4** is the 20% darker color. If you saturate the color by 10%, you get **635BFE**, and if you desaturate by 10%, it is **938DFE**.

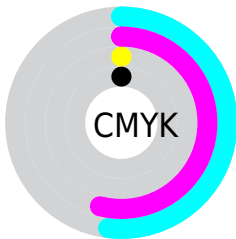
# Distribution



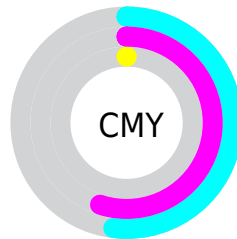
- Red (48%)
- Green (45%)
- Blue (100%)



- Red (48%)
- Yellow (45%)
- Blue (100%)



- Cyan (52%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B74FE 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 7B74FE by changing the saturation by 10% instead.



 7B74FE

 7B74FE

FFFFFF

 5C5BE1

 B7A8FF

 3A44C4

 D5C4FF

 002DA8

 F4E0FF

 00188D

 FFFCFF

 000573

 000059

 000741

 00032A

 000114

■ 7B74FE

■ 7B74FE

■ 635BFE

■ 938DFE

■ 4B41FE

■ ABA7FE

■ 3328FE

■ C3C0FE

■ 1B0EFE

■ DBDAFE

■ 0D00FE

■ F4F3FE

FFFFFE

# Harmonies

## Analogous

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



008FFF



7B74FE



D54DCC

# Triad

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



7B74FE



D66600



00A383

# Complementary

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



7B74FE



F7FE74

# 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.



009F3B



7B74FE



A38300

# Square

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



7B74FE



F64147



5F9500



00A3C8

# Rectangle

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



7B74FE



F234A1



5F9500



00A26B



# Sweetspot

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



7B74FE



D8D6FF



74F7FE



696780



000000



808080



# Same Dimension

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



7B74FE



6259FF



C074FE



737380



0A00BF



030040



# Inverse Universe

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



FE74F7



FF59F7



B2FE74



80737F



BF00B6

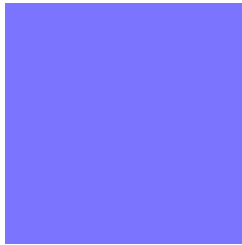


40003D



# Previews

## White Background



This preview shows how the Hex color 7B74FE looks on a white background.

## Color Contrast Check

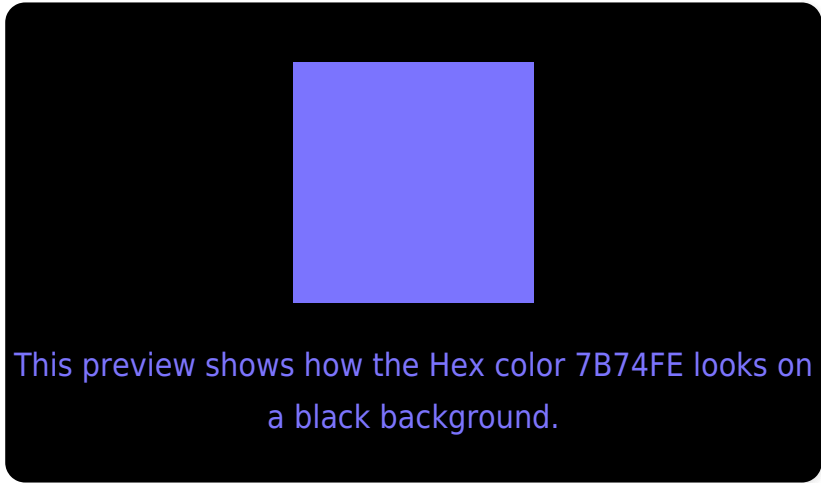
Large Text (above 18pt) WCAG AA ✓ Pass

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

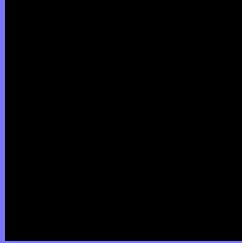
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B74FE Background



This preview shows how black text looks on a background with the Hex color 7B74FE.

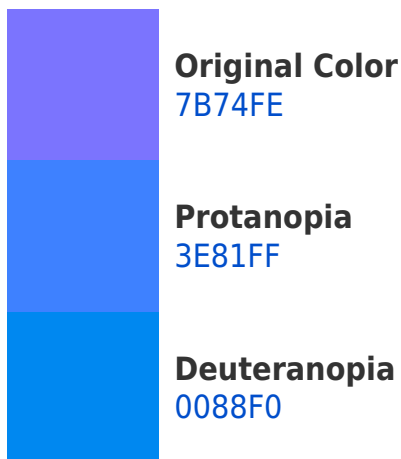


This preview shows how white text looks on a background with the Hex color 7B74FE.

# 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](#).

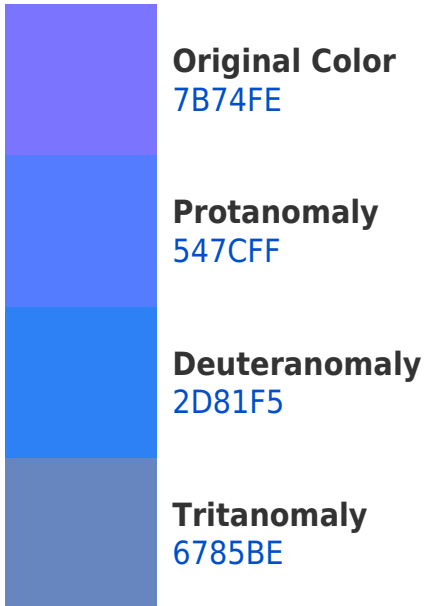
## Dichromacy





**Tritanopia**  
5B8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B74FE 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 #7B74FE looks like.

```
.text, #text, p{  
  color:#7B74FE  
}
```

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 #7B74FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B74FE
}
```

## Border

The CSS property to change the border of an element to Hex 7B74FE 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
#7B74FE }
```

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

```
.border{ border-color:#7B74FE }
```

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

Here you see how a box with a 4 pixel #7B74FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B74FE; -webkit-box-shadow:4px 4px  
4px 4px #7B74FE; box-shadow:4px 4px 4px  
4px #7B74FE }
```

# Background

The CSS property to change the background color of an element to Hex 7B74FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B74FE }
```

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

```
.background{ background-color:#7B74FE }
```

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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