

# Converting Colors

Hex(794FF7)

Have a look what the booklet for  
Hex(794FF7) contains.

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**Color**

**Hex(794FF7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794FF7
RGB	121, 79, 247
RGB Percent	47%, 31%, 97%
CMY	0.5255, 0.6902, 0.0314
CMYK	0.51, 0.68, 0.00, 0.03
HSL	255°, 91%, 64%
HSV	255°, 68%, 97%
XYZ	27.4696, 16.3723, 89.7081
YIQ	110.7100, -28.8960, 61.1520

# Conversions

## Conversions Part 2

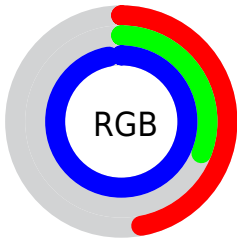
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	121, 79, 247
Decimal	7950327
CIE Lab	47.46, 57.05, -78.08
CIE LCh	47, 96.701, 306.152
Yxy	16.3723, 0.2057, 0.1226
Android (android.graphics.Color)	4286140407 (0xFF794FF7)
YUV	110.7100, 67.1910, 9.0243
Hunter-Lab	40.4627, 50.3717, -103.1253

# Details

The Hex color **794FF7** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle washed purple. A complement of this color would be **CDF74F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B683FF**, and **351CBD** is the 20% darker color. If you saturate the color by 10%, you get **6636F7**, and if you desaturate by 10%, it is **8C68F7**.

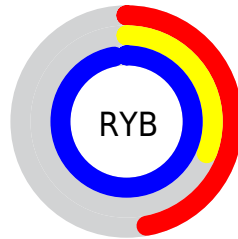
# Distribution



Red (47%)

Green (31%)

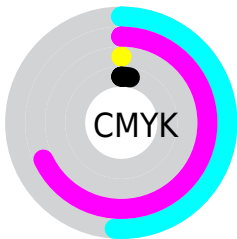
Blue (97%)



Red (47%)

Yellow (31%)

Blue (97%)

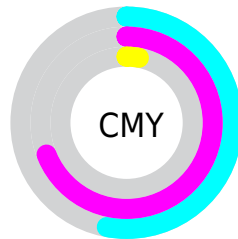


Cyan (51%)

Magenta (68%)

Yellow (0%)

Black (3%)



Cyan (53%)

Magenta (69%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794FF7 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 794FF7 by changing the saturation by 10% instead.



 794FF7

 794FF7

FFFFFF

 5936DA

 B683FF

 351CBD

 D59EFF

 0000A1

 F4BAFF

 000086

 FFD6FF

 00006C

 FFF3FF

 000953

 00063A

 000224

 00000B

794FF7

794FF7

6636F7

8C68F7

541EF7

9E80F7

4105F7

B199F7

3E00F7

C3B2F7

D6CBF7

E8E3F7

FBFCF7

FFFFFF7

# Harmonies

## Analogous

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



0078FF



794FF7



D900B4

# Triad

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



794FF7



BC5100



008F80

# Complementary

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



794FF7



CDF74F

# 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.



008C26



794FF7



7B7300

# Square

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



794FF7



E80011



008400



0090D0

# Rectangle

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



794FF7



F2007F



008400



008E63



# Sweetspot

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



794FF7



D9CCFF



4FCDF7



696180



000000



808080



# Same Dimension

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



794FF7



622EFF



CD4FF7



716E7A



2F00BA



0F003B



# Inverse Universe

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



F74FCD



FF2ECB



79F74F



7A6E77



BA008C

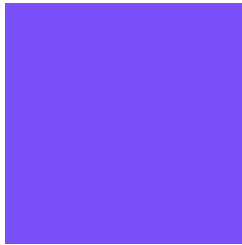


3B002C



# Previews

## White Background



This preview shows how the Hex color 794FF7 looks on a white background.

## Color Contrast Check

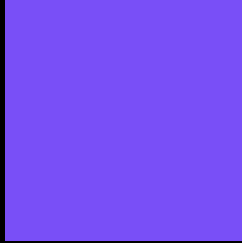
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 794FF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

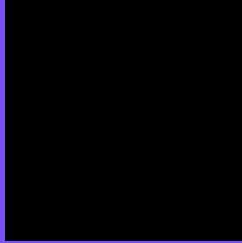
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 794FF7 Background



This preview shows how black text looks on a background with the Hex color 794FF7.

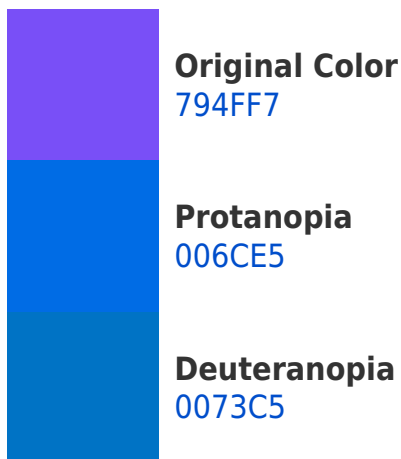



This preview shows how white text looks on a background with the Hex color 794FF7.

# 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](#).

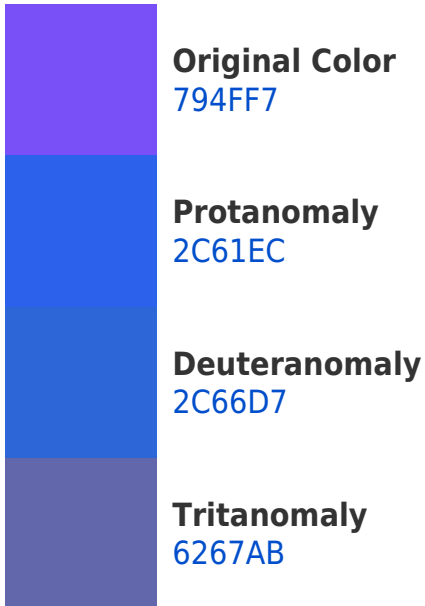
## Dichromacy





**Tritanopia**  
55757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794FF7 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 #794FF7 looks like.

```
.text, #text, p{  
    color:#794FF7  
}
```

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 #794FF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794FF7
}
```

## Border

The CSS property to change the border of an element to Hex 794FF7 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
#794FF7 }
```

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

```
.border{ border-color:#794FF7 }
```

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

Here you see how a box with a 4 pixel #794FF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794FF7; -webkit-box-shadow:4px 4px  
4px 4px #794FF7; box-shadow:4px 4px 4px  
4px #794FF7 }
```

# Background

The CSS property to change the background color of an element to Hex 794FF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794FF7 }
```

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

```
.background{ background-color:#794FF7 }
```

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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