

# Converting Colors

Hex(798DF7)

Have a look what the booklet for  
Hex(798DF7) contains.

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# **Color**

**Hex(798DF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	798DF7
RGB	121, 141, 247
RGB Percent	47%, 55%, 97%
CMY	0.5255, 0.4471, 0.0314
CMYK	0.51, 0.43, 0.00, 0.03
HSL	230°, 89%, 72%
HSV	230°, 51%, 97%
XYZ	34.1985, 29.8301, 91.9510
YIQ	147.1040, -45.9460, 28.7260

# Conversions

## Conversions Part 2

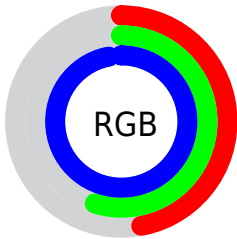
Format	Color
R <sub>Y</sub> B	121, 138, 247
Decimal	7966199
CIE Lab	61.51, 21.54, -55.41
CIE LCh	62, 59.451, 291.245
Yxy	29.8301, 0.2192, 0.1912
Android (android.graphics.Color)	4286156279 (0xFF798DF7)
YUV	147.1040, 49.2487, -22.8932
Hunter-Lab	54.6169, 16.1886, -61.5865

# Details

The Hex color **798DF7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F7E379**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B4C2FF**, and **3B5BBE** is the 20% darker color. If you saturate the color by 10%, you get **6078F7**, and if you desaturate by 10%, it is **92A2F7**.

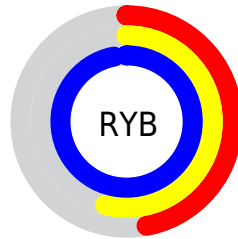
# Distribution



Red (47%)

Green (55%)

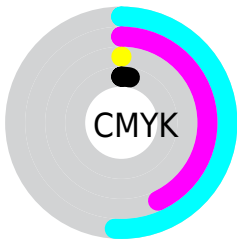
Blue (97%)



Red (47%)

Yellow (54%)

Blue (97%)

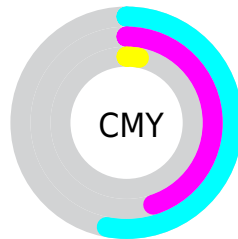


Cyan (51%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (53%)

Magenta (45%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 798DF7 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 798DF7 by changing the saturation by 10% instead.



 798DF7

 798DF7

FFFFFF

 5B74DA

 B4C2FF

 3B5BBE

 D1DEFF

 0E44A2

 EFFBFF


 002F88

 001B6E

 000055

 00063D

 000226

 00010F

■ 798DF7

■ 798DF7

■ 6078F7

■ 92A2F7

■ 4863F7

■ AAB7F7

■ 2F4FF7

■ C3CBF7

■ 163AF7

■ DCE0F7

■ 0027F7

■ F4F5F7

■ FFFFF7

# Harmonies

## Analogous

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



009FFD



798DF7



C576D7

# Triad

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



798DF7



E27843



00AD83

# Complementary

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



798DF7



F7E379

# 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.



49A84F



798DF7



BD8C23

# Square

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



798DF7



F46672



8C9D28



00AEB9

# Rectangle

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



798DF7



E369B8



8C9D28



00AC71



# Sweetspot

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



798DF7



D9DFFF



79F7E2



696C80



000000



808080



# Same Dimension

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



798DF7



637CFF



A379F7



6E707A



001EBA



00093B



# Inverse Universe

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



F7798D



FF637C



CDF779



7A6E70



BA001E

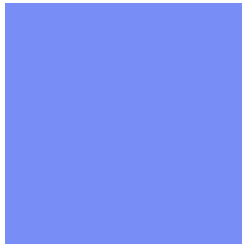


3B0009



# Previews

## White Background



This preview shows how the Hex color 798DF7 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 798DF7 Background



This preview shows how black text looks on a background with the Hex color 798DF7.




This preview shows how white text looks on a background with the Hex color 798DF7.

# 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](#).

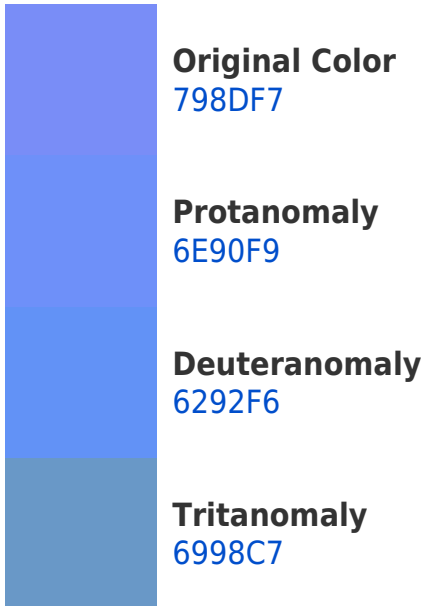
## Dichromacy



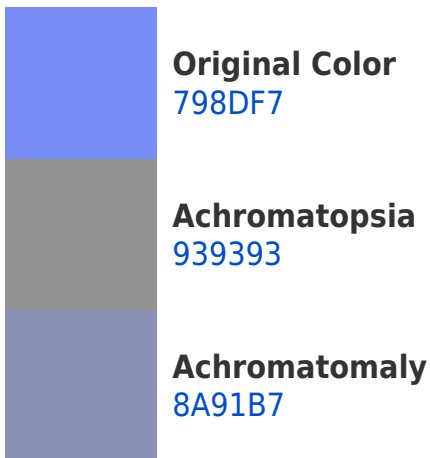


**Tritanopia**  
609EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 798DF7 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 #798DF7 looks like.

```
.text, #text, p{  
    color:#798DF7  
}
```

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 #798DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798DF7  
}
```

## Border

The CSS property to change the border of an element to Hex 798DF7 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  
#798DF7 }
```

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

```
.border{ border-color:#798DF7 }
```

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

Here you see how a box with a 4 pixel #798DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798DF7; -webkit-box-shadow:4px 4px  
4px 4px #798DF7; box-shadow:4px 4px 4px  
4px #798DF7 }
```

# Background

The CSS property to change the background color of an element to Hex 798DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798DF7 }
```

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

```
.background{ background-color:#798DF7 }
```

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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