

Converting Colors

Hex(798FD4)

Have a look what the booklet for
Hex(798FD4) contains.

Hex(798FD4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(798FD4)

Conversions

Conversions Part 1

Format	Color
Hex	798FD4
RGB	121, 143, 212
RGB Percent	47%, 56%, 83%
CMY	0.5255, 0.4392, 0.1686
CMYK	0.43, 0.33, 0.00, 0.17
HSL	225°, 51%, 65%
HSV	225°, 43%, 83%
XYZ	29.5913, 28.4633, 66.2217
YIQ	144.2880, -35.2610, 16.7950

Conversions

Conversions Part 2

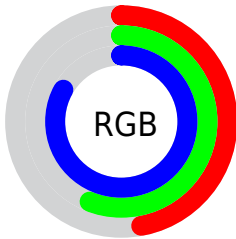
Format	Color
R_{YB}	121, 139, 212
Decimal	7966676
CIE Lab	60.31, 9.98, -37.89
CIE LCh	60, 39.182, 284.754
Yxy	28.4633, 0.2381, 0.2290
Android (android.graphics.Color)	4286156756 (0xFF798FD4)
YUV	144.2880, 33.3820, -20.4236
Hunter-Lab	53.3510, 5.6411, -36.2477

Details

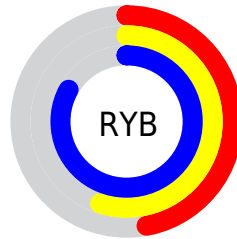
The Hex color **798FD4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D4BE79**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B1C5FF**, and **425D9D** is the 20% darker color. If you saturate the color by 10%, you get **647FD4**, and if you desaturate by 10%, it is **8E9FD4**.

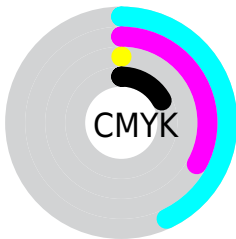
Distribution



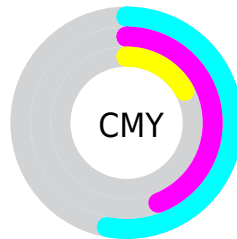
- Red (47%)
- Green (56%)
- Blue (83%)



- Red (47%)
- Yellow (55%)
- Blue (83%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798FD4 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 798FD4 by changing the saturation by 10% instead.

 798FD4

 798FD4

FFFFFF

 5E76B8

 B1C5FF

 425D9D

 CDE0FF

 254683

 EAFDFF

 003069

 001C51

 000039

 000223

 00000A

 000000

■ 798FD4

■ 798FD4

■ 647FD4

■ 8E9FD4

■ 4F6FD4

■ A3AFD4

■ 395FD4

■ B9BFD4

■ 244FD4

■ CECFD4

■ 0F3FD4

■ E3DFD4

■ 0033D4

■ F8EFD4

■ FFFFD4

Harmonies

Analogous

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



309AD3



798FD4



AA82C3

Triad

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



798FD4



CC7D62



3FA27E

Complementary

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



798FD4



D4BE79

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.



709D5F



798FD4



B6894E

Square

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



798FD4



D47682



96954D



00A3A2

Rectangle

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



798FD4



C17AAF



96954D



51A173

Sweetspot

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



798FD4



DEE6FF



79D4BD



6B7080



000000



808080

Same Dimension

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



798FD4



7A9AFF



9079D4



60636B



0029AB



000A2B

Inverse Universe

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



D4798F



FF7A9A



BDD479



6B6063



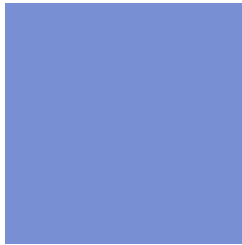
AB0029



2B000A

Previews

White Background



This preview shows how the Hex color 798FD4 looks on a white background.

Color Contrast Check

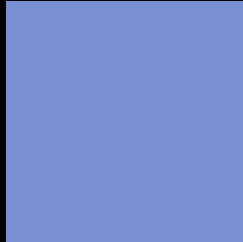
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 798FD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

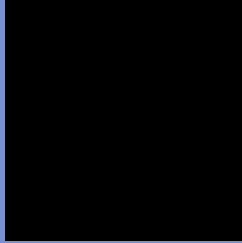
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 798FD4 Background



This preview shows how black text looks on a background with the Hex color 798FD4.



This preview shows how white text looks on a background with the Hex color 798FD4.

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
798FD4

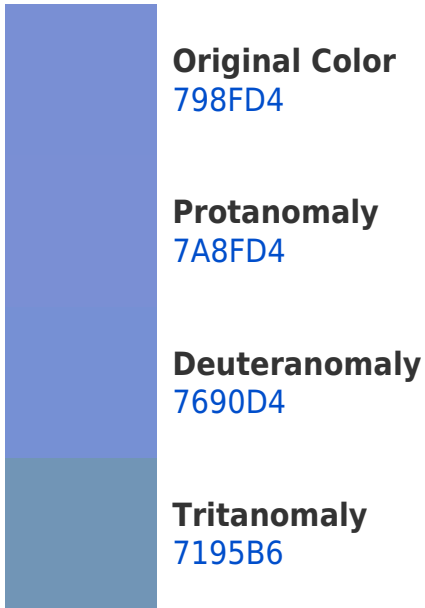
Protanopia
7A8FD4

Deuteranopia
7590D4

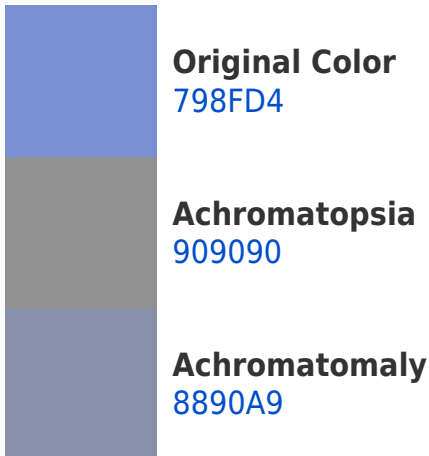


Tritanopia
6C98A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 798FD4 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 #798FD4 looks like.

```
.text, #text, p{  
    color:#798FD4  
}
```

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 #798FD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798FD4
}
```

Border

The CSS property to change the border of an element to Hex 798FD4 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
#798FD4 }
```

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

```
.border{ border-color:#798FD4 }
```

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

Here you see how a box with a 4 pixel #798FD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798FD4; -webkit-box-shadow:4px 4px  
4px 4px #798FD4; box-shadow:4px 4px 4px  
4px #798FD4 }
```

Background

The CSS property to change the background color of an element to Hex 798FD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798FD4 }
```

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

```
.background{ background-color:#798FD4 }
```

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