

Converting Colors

Hex(799DF8)

Have a look what the booklet for
Hex(799DF8) contains.

Hex(799DF8)	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(799DF8)

Conversions

Conversions Part 1

Format	Color
Hex	799DF8
RGB	121, 157, 248
RGB Percent	47%, 62%, 97%
CMY	0.5255, 0.3843, 0.0275
CMYK	0.51, 0.37, 0.00, 0.03
HSL	223°, 90%, 72%
HSV	223°, 51%, 97%
XYZ	36.8854, 34.9562, 93.6101
YIQ	156.6100, -50.6670, 20.6690

Conversions

Conversions Part 2

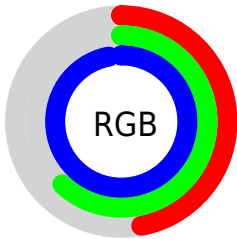
Format	Color
R _Y B	121, 149, 248
Decimal	7970296
CIE _{Lab}	65.71, 12.49, -49.29
CIE _{LCh}	66, 50.844, 284.217
Yxy	34.9562, 0.2229, 0.2113
Android (android.graphics.Color)	4286160376 (0xFF799DF8)
YUV	156.6100, 45.0553, -31.2300
Hunter-Lab	59.1238, 7.8938, -52.4866

Details

The Hex color **799DF8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F8D479**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B3D3FF**, and **3C6ABF** is the 20% darker color. If you saturate the color by 10%, you get **608BF8**, and if you desaturate by 10%, it is **92AFF8**.

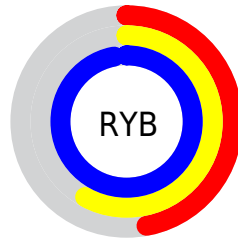
Distribution



Red (47%)

Green (62%)

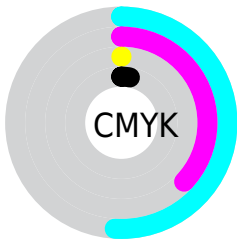
Blue (97%)



Red (47%)

Yellow (58%)

Blue (97%)

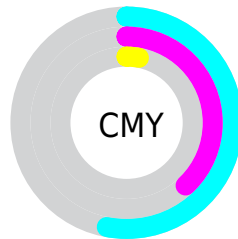


Cyan (51%)

Magenta (37%)

Yellow (0%)

Black (3%)



Cyan (53%)

Magenta (38%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799DF8 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 799DF8 by changing the saturation by 10% instead.

 799DF8

 799DF8

FFFFFF

 5B83DB

 B3D3FF

 3C6ABF

 D1EFFF

 1052A4


 EFFFFFF

 003C89

 00276F

 001456

 00063E

 000327

 000111

■ 799DF8

■ 799DF8

■ 608BF8

■ 92AFF8

■ 4779F8

■ ABC1F8

■ 2F68F8

■ C3D2F8

■ 1656F8

■ DCE4F8

■ 0046F8

■ F5F6F8

■ FFFFF8

Harmonies

Analogous

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



00ABF7



799DF8



BF8BE1

Triad

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



799DF8



EB8462



1BB585

Complementary

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



799DF8



F8D479

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.



72AF5C



799DF8



CE9546

Square

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



799DF8



F5798C



A5A443



00B7B5

Rectangle

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



799DF8



DD80C8



A5A443



44B376

Sweetspot

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



799DF8



D9E4FF



79F8D2



696F80



000000



808080

Same Dimension

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



799DF8



6390FF



9279F8



70747D



0035BD



00113D

Inverse Universe

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



F8799D



FF6390



DFF879



7D7074



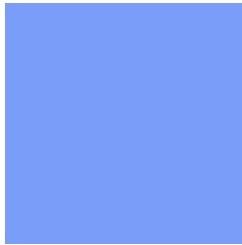
BD0035



3D0011

Previews

White Background



This preview shows how the Hex color 799DF8 looks on a white background.

Color Contrast Check

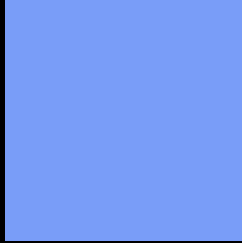
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 799DF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

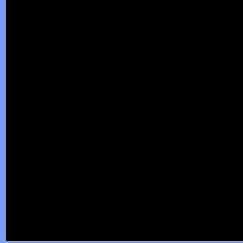
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 799DF8 Background



This preview shows how black text looks on a background with the Hex color 799DF8.



This preview shows how white text looks on a background with the Hex color 799DF8.

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](#).

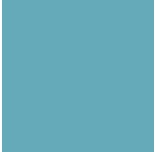
Dichromacy



Original Color
799DF8

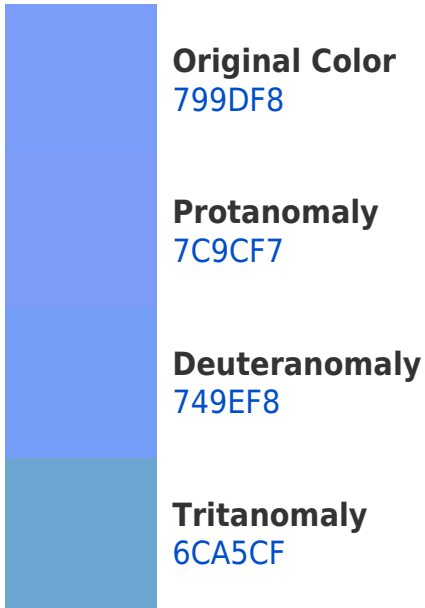
Protanopia
7E9CF7

Deuteranopia
719FF8

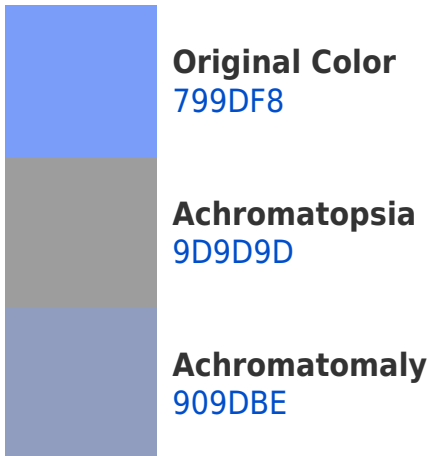


Tritanopia
64AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 799DF8 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 #799DF8 looks like.

```
.text, #text, p{  
    color:#799DF8  
}
```

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 #799DF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799DF8  
}
```

Border

The CSS property to change the border of an element to Hex 799DF8 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  
#799DF8 }
```

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

```
.border{ border-color:#799DF8 }
```

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

Here you see how a box with a 4 pixel #799DF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799DF8; -webkit-box-shadow:4px 4px  
4px 4px #799DF8; box-shadow:4px 4px 4px  
4px #799DF8 }
```

Background

The CSS property to change the background color of an element to Hex 799DF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799DF8 }
```

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

```
.background{ background-color:#799DF8 }
```

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