

Converting Colors

Hex(799FC9)

Have a look what the booklet for
Hex(799FC9) contains.

Hex(799FC9)	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(799FC9)

Conversions

Conversions Part 1

Format	Color
Hex	799FC9
RGB	121, 159, 201
RGB Percent	47%, 62%, 79%
CMY	0.5255, 0.3765, 0.2118
CMYK	0.40, 0.21, 0.00, 0.21
HSL	212°, 43%, 63%
HSV	212°, 40%, 79%
XYZ	30.8259, 33.0783, 60.0184
YIQ	152.4260, -36.1300, 5.0060

Conversions

Conversions Part 2

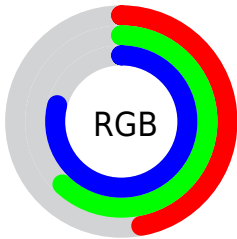
Format	Color
R _Y B	121, 147, 201
Decimal	7970761
CIE Lab	64.22, -2.27, -25.67
CIE LCh	64, 25.767, 264.955
Yxy	33.0783, 0.2488, 0.2669
Android (android.graphics.Color)	4286160841 (0xFF799FC9)
YUV	152.4260, 23.9470, -27.5606
Hunter-Lab	57.5137, -4.9775, -21.6124

Details

The Hex color **799FC9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C9A379**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B0D6FF**, and **446C93** is the 20% darker color. If you saturate the color by 10%, you get **6594C9**, and if you desaturate by 10%, it is **8DAAC9**.

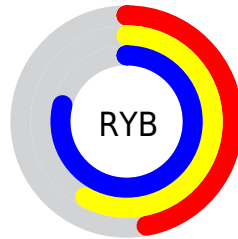
Distribution



Red (47%)

Green (62%)

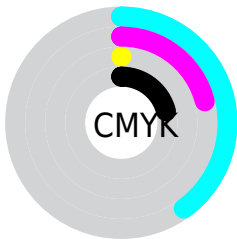
Blue (79%)



Red (47%)

Yellow (58%)

Blue (79%)

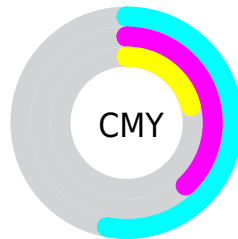


Cyan (40%)

Magenta (21%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 799FC9 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 799FC9 by changing the saturation by 10% instead.

■ 799FC9

■ 799FC9

FFFFFF

■ 5E85AE

■ B0D6FF

■ 446C93

■ CCF2FF

■ 285479

■ E9FFFF

■ 043D60

■ 002748

■ 001231

■ 00021C

■ 000000

■ 799FC9

■ 799FC9

■ 6594C9

■ 8DAAC9

■ 518AC9

■ A1B4C9

■ 3D7FC9

■ B5BFC9

■ 2975C9

■ C9C9C9

■ 156AC9

■ DED4C9

■ 0060C9

■ F2DEC9

■ 005FC9

■ FFE9C9

■ FFF3C9

■ FFFEC9

Harmonies

Analogous

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



5DA5C1



799FC9



9A97C5

Triad

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



799FC9



CA8C89



7EA681

Complementary

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



799FC9



C9A379

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.



98A072



799FC9



C29177

Square

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



799FC9



C68BA0



B0996E



65A897

Rectangle

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



799FC9



AD92BC



B0996E



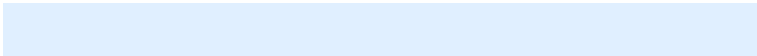
86A47B

Sweetspot

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



799FC9



E0EFFF



79C9A2



6E7680



000000



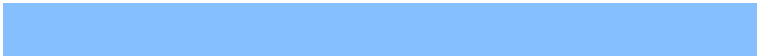
808080

Same Dimension

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



799FC9



85BFFF



7A79C9



5A5E63



004EA3



001124

Inverse Universe

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



C9799F



FF85BF



C8C979



635A5E



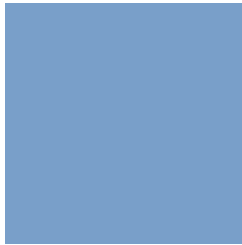
A3004E



240011

Previews

White Background



This preview shows how the Hex color 799FC9 looks on a white background.

Color Contrast Check

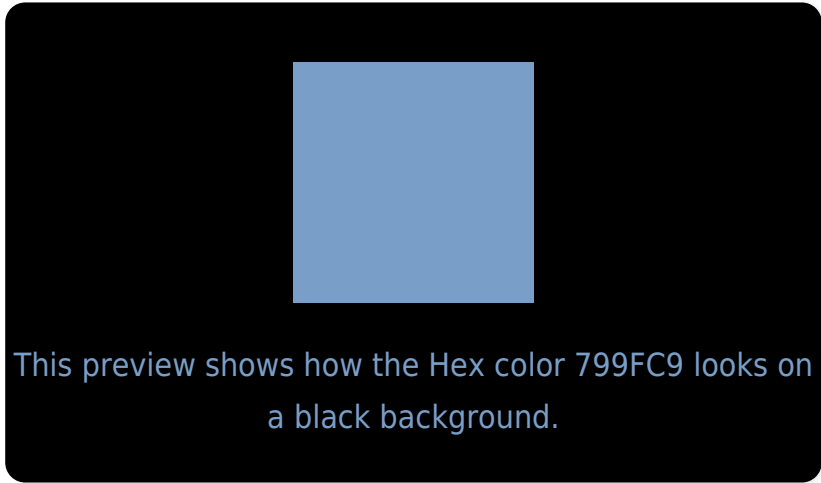
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

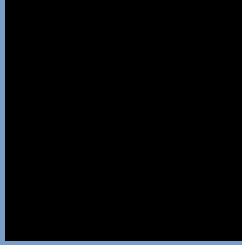
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

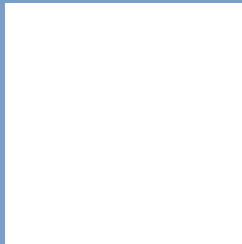
Any Text WCAG AAA ✓ Pass

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

Hex 799FC9 Background



This preview shows how black text looks on a background with the Hex color 799FC9.

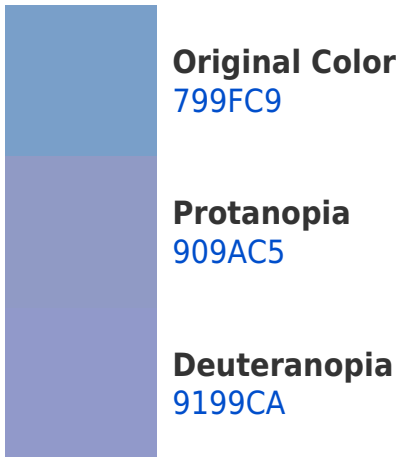


This preview shows how white text looks on a background with the Hex color 799FC9.

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](#).

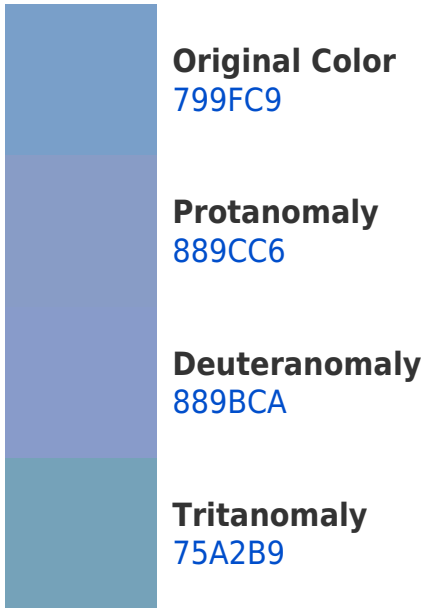
Dichromacy



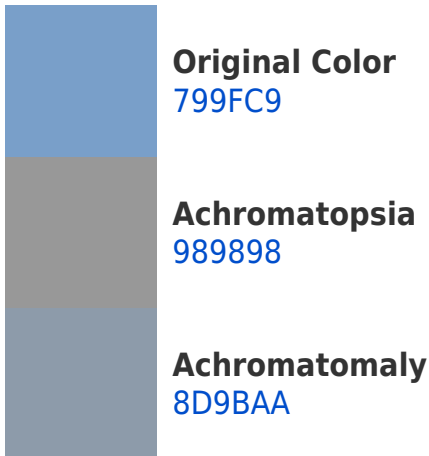


Tritanopia
73A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 799FC9 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 #799FC9 looks like.

```
.text, #text, p{  
    color:#799FC9  
}
```

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 #799FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799FC9
}
```

Border

The CSS property to change the border of an element to Hex 799FC9 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
#799FC9 }
```

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

```
.border{ border-color:#799FC9 }
```

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

Here you see how a box with a 4 pixel #799FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799FC9; -webkit-box-shadow:4px 4px  
4px 4px #799FC9; box-shadow:4px 4px 4px  
4px #799FC9 }
```

Background

The CSS property to change the background color of an element to Hex 799FC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799FC9 }
```

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

```
.background{ background-color:#799FC9 }
```

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