

# Converting Colors

Hex(799AF4)

Have a look what the booklet for  
Hex(799AF4) contains.

<b>Hex(799AF4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(799AF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	799AF4
RGB	121, 154, 244
RGB Percent	47%, 60%, 96%
CMY	0.5255, 0.3961, 0.0431
CMYK	0.50, 0.37, 0.00, 0.04
HSL	224°, 85%, 72%
HSV	224°, 50%, 96%
XYZ	35.7699, 33.7078, 90.2089
YIQ	154.3930, -48.5580, 20.9940

# Conversions

## Conversions Part 2

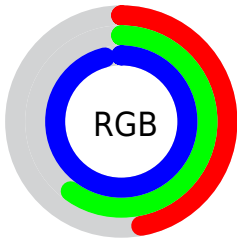
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	121, 147, 244
Decimal	7969524
CIE Lab	64.73, 13.02, -48.65
CIE LCh	65, 50.364, 284.979
Yxy	33.7078, 0.2240, 0.2111
Android (android.graphics.Color)	4286159604 (0xFF799AF4)
YUV	154.3930, 44.1763, -29.2857
Hunter-Lab	58.0584, 8.3719, -51.4816

# Details

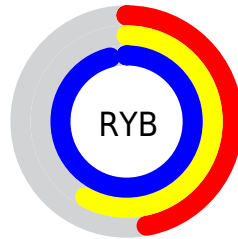
The Hex color **799AF4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F4D379**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B3D0FF**, and **3C67BB** is the 20% darker color. If you saturate the color by 10%, you get **6188F4**, and if you desaturate by 10%, it is **91ACF4**.

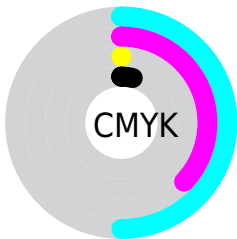
# Distribution



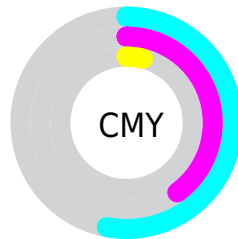
- Red (47%)
- Green (60%)
- Blue (96%)



- Red (47%)
- Yellow (58%)
- Blue (96%)



- Cyan (50%)
- Magenta (37%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (40%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 799AF4 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 799AF4 by changing the saturation by 10% instead.



 799AF4

 799AF4

FFFFFF

 5C80D7

 B3D0FF

 3C67BB

 D1ECFF

 1350A0

 EEEFFF

 003985

 00256C

 001053

 00063B

 000224

 00000C

■ 799AF4

■ 799AF4

■ 6188F4

■ 91ACF4

■ 4876F4

■ AABEF4

■ 3064F4

■ C2D0F4

■ 1753F4

■ DBE1F4

■ 0041F4

■ F3F3F4

■ FFFFF4

# Harmonies

## Analogous

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



00A8F4



799AF4



BD88DD

# Triad

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



799AF4



E7825F



13B284

# Complementary

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



799AF4



F4D379

# 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.



6FAC5B



799AF4



CA9344

# Square

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



799AF4



F17788



A1A242



00B4B3

# Rectangle

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



799AF4



DA7DC4



A1A242



40B175



# Sweetspot

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



799AF4



D9E3FF



79F4D1



696F80



000000



808080



# Same Dimension

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



799AF4



668FFF



9479F4



6E717A



0032BA



00103B



# Inverse Universe

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



F4799A



FF668F



D9F479



7A6E71



BA0032

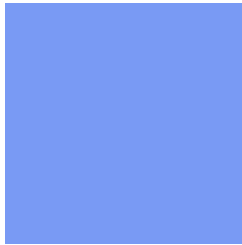


3B0010



# Previews

## White Background



This preview shows how the Hex color 799AF4 looks on a white background.

## Color Contrast Check

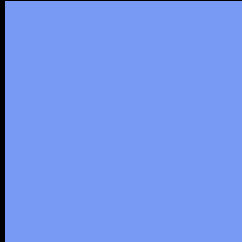
Large Text (above 18pt) WCAG AA × Fail

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 799AF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

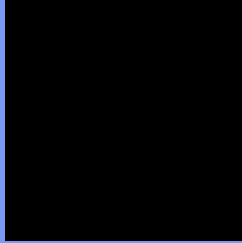
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 799AF4 Background



This preview shows how black text looks on a background with the Hex color 799AF4.



This preview shows how white text looks on a background with the Hex color 799AF4.

# 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**  
799AF4

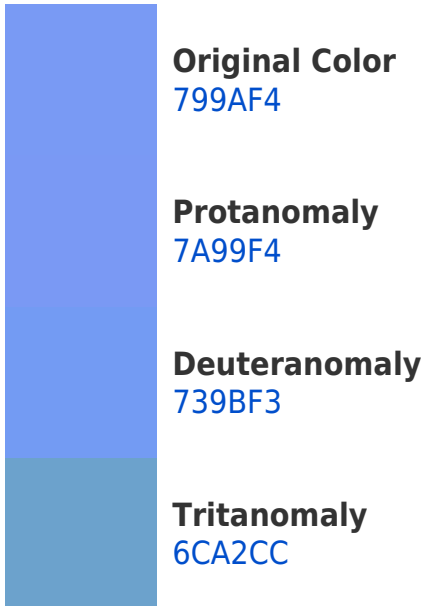
**Protanopia**  
7B99F4

**Deuteranopia**  
6F9CF3



**Tritanopia**  
65A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 799AF4 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 #799AF4 looks like.

```
.text, #text, p{  
    color:#799AF4  
}
```

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 #799AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799AF4  
}
```

## Border

The CSS property to change the border of an element to Hex 799AF4 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  
#799AF4 }
```

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

```
.border{ border-color:#799AF4 }
```

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

Here you see how a box with a 4 pixel #799AF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799AF4; -webkit-box-shadow:4px 4px  
4px 4px #799AF4; box-shadow:4px 4px 4px  
4px #799AF4 }
```

# Background

The CSS property to change the background color of an element to Hex 799AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799AF4 }
```

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

```
.background{ background-color:#799AF4 }
```

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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