

# Converting Colors

Hex(799FF0)

Have a look what the booklet for  
Hex(799FF0) contains.

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# **Color**

**Hex(799FF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	799FF0
RGB	121, 159, 240
RGB Percent	47%, 62%, 94%
CMY	0.5255, 0.3765, 0.0588
CMYK	0.50, 0.34, 0.00, 0.06
HSL	221°, 80%, 71%
HSV	221°, 50%, 94%
XYZ	36.0115, 35.1525, 87.3252
YIQ	156.8720, -48.6490, 17.1350

# Conversions

## Conversions Part 2

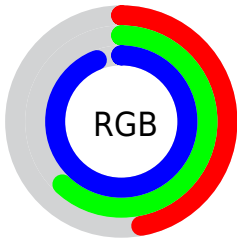
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">121, 150, 240</a>
Decimal	<a href="#">7970800</a>
CIELab	<a href="#">65.87, 8.93, -44.67</a>
CIELCh	<a href="#">66, 45.552, 281.300</a>
Yxy	<a href="#">35.1525, 0.2272, 0.2218</a>
Android (android.graphics.Color)	<a href="#">4286160880 (0xFF799FF0)</a>
YUV	<a href="#">156.8720, 40.9821, -31.4597</a>
Hunter-Lab	<a href="#">59.2895, 4.6612, -45.8232</a>

# Details

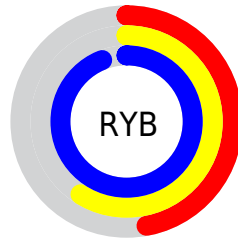
The Hex color **799FF0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F0CA79**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B3D5FF**, and **3D6CB8** is the 20% darker color. If you saturate the color by 10%, you get **618FF0**, and if you desaturate by 10%, it is **91AFF0**.

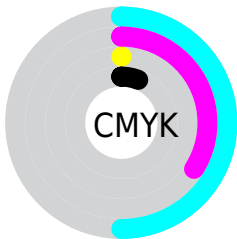
# Distribution



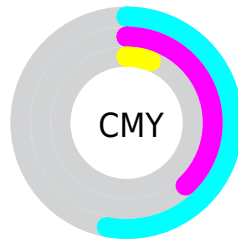
- Red (47%)
- Green (62%)
- Blue (94%)



- Red (47%)
- Yellow (59%)
- Blue (94%)



- Cyan (50%)
- Magenta (34%)
- Yellow (0%)
- Black (6%)



- Cyan (53%)
- Magenta (38%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 799FF0 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 799FF0 by changing the saturation by 10% instead.



 799FF0

 799FF0

FFFFFF

 5C85D3

 B3D5FF

 3D6CB8

 D0F2FF

 17549C

 EEEFFF

 003D82

 002868

 001550

 000538

 000222

 000007

 799FF0

 799FF0

 618FF0

 91AFF0

 497EF0

 A9C0F0

 316EF0

 C1D0F0

 195EF0

 D9E0F0

 014DF0

 F1F1F0

 004DF0

 FFFFF0

# Harmonies

## Analogous

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



00ABED



799FF0



B88FDE

# Triad

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



799FF0



E7866C



42B384

# Complementary

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



799FF0



F0CA79

# 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.



7DAD61



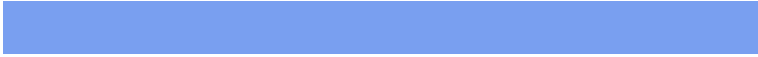
799FF0



CE9552

# Square

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



799FF0



ED7E92



AAA34D



00B5AF

# Rectangle

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



799FF0



D486C8



AAA34D



59B277



# Sweetspot

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



799FF0



D9E5FF



79F0C8



697080



000000



808080



# Same Dimension

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



799FF0



6697FF



8D79F0



6C7078



003BB8



001238



# Inverse Universe

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



F0799F



FF6697



DCF079



786C70



B8003B



380012



# Previews

## White Background



This preview shows how the Hex color 799FF0 looks on a white background.

## Color Contrast Check

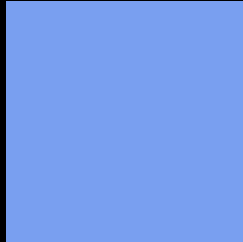
Large Text (above 18pt) WCAG AA × Fail

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 799FF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

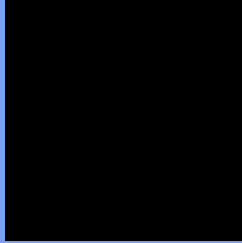
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

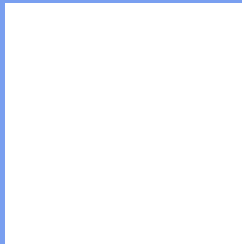
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 799FF0 Background



This preview shows how black text looks on a background with the Hex color 799FF0.



This preview shows how white text looks on a background with the Hex color 799FF0.

# 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**  
799FF0

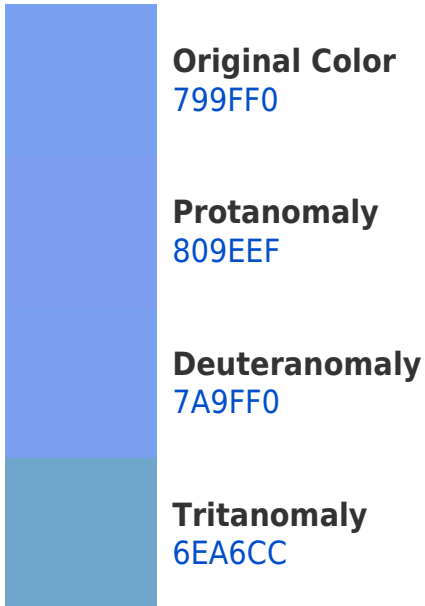
**Protanopia**  
849DEE

**Deuteranopia**  
7A9FF0

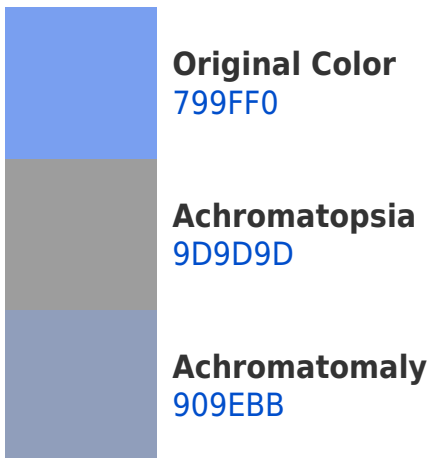


**Tritanopia**  
67AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 799FF0 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 #799FF0 looks like.

```
.text, #text, p{  
    color:#799FF0  
}
```

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 #799FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799FF0
}
```

## Border

The CSS property to change the border of an element to Hex 799FF0 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
#799FF0 }
```

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

```
.border{ border-color:#799FF0 }
```

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

Here you see how a box with a 4 pixel #799FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799FF0; -webkit-box-shadow:4px 4px  
4px 4px #799FF0; box-shadow:4px 4px 4px  
4px #799FF0 }
```

# Background

The CSS property to change the background color of an element to Hex 799FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799FF0 }
```

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

```
.background{ background-color:#799FF0 }
```

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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