

# Converting Colors

Hex(79ABFF)

Have a look what the booklet for  
Hex(79ABFF) contains.

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# **Color**

**Hex(79ABFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79ABFF
RGB	121, 171, 255
RGB Percent	47%, 67%, 100%
CMY	0.5255, 0.3294, 0.0000
CMYK	0.53, 0.33, 0.00, 0.00
HSL	218°, 100%, 74%
HSV	218°, 53%, 100%
XYZ	40.4981, 40.4108, 100.2733
YIQ	165.6260, -56.7640, 15.5240

# Conversions

## Conversions Part 2

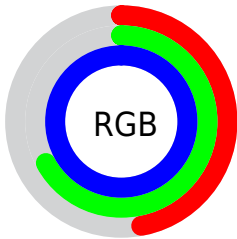
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">121, 157, 255</a>
Decimal	<a href="#">7973887</a>
CIELab	<a href="#">69.76, 6.58, -46.72</a>
CIElCh	<a href="#">70, 47.181, 278.021</a>
Yxy	<a href="#">40.4108, 0.2235, 0.2230</a>
Android (android.graphics.Color)	<a href="#">4286163967 (0xFF79ABFF)</a>
YUV	<a href="#">165.6260, 44.0614, -39.1370</a>
Hunter-Lab	<a href="#">63.5695, 2.4701, -49.0243</a>

# Details

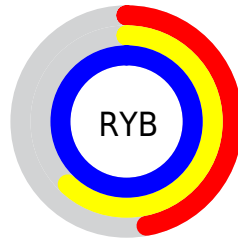
The Hex color **79ABFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFCD79**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B4E2FF**, and **3A77C6** is the 20% darker color. If you saturate the color by 10%, you get **609BFF**, and if you desaturate by 10%, it is **93BBFF**.

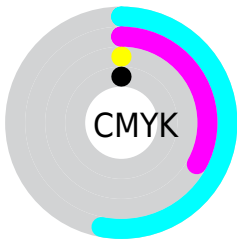
# Distribution



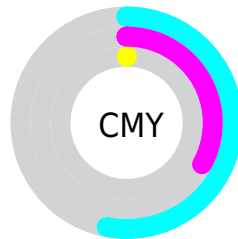
- Red (47%)
- Green (67%)
- Blue (100%)



- Red (47%)
- Yellow (62%)
- Blue (100%)



- Cyan (53%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79ABFF 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 79ABFF by changing the saturation by 10% instead.



 79ABFF

 79ABFF

FFFFFF

 5B91E2

 B4E2FF

 3A77C6

 D2FFFF

 085FAA

 F0FFFF

 00488F

 003275

 001E5C

 000344

 00032D

 000117

■ 79ABFF

■ 79ABFF

■ 609BFF

■ 93BBFF

■ 468BFF

■ ACCBFF

■ 2C7BFF

■ C5DBFF

■ 136BFF

■ DFEBFF

■ 005FFF

■ F9FBFF

FFFFFF

# Harmonies

## Analogous

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



00B8F9



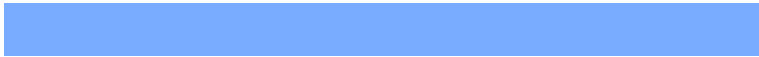
79ABFF



BD9BEE

# Triad

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



79ABFF



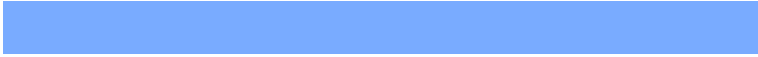
F68E78



51BE89

# Complementary

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



79ABFF



FFCD79

# 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.



8CB765



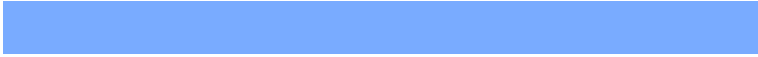
79ABFF



DE9D5B

# Square

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



79ABFF



FB87A0



B9AC53



00C1B5

# Rectangle

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



79ABFF



DD90D8



B9AC53



67BC7B



# Sweetspot

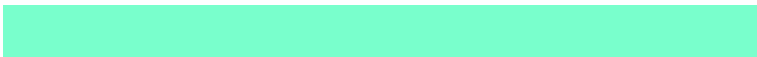
The Sweet Spot groups the original color and five complimentary colors.



79ABFF



D6E5FF



79FFCC



677080



000000

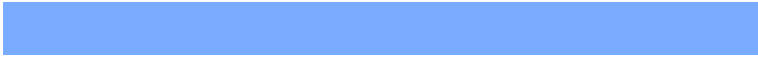


808080



# Same Dimension

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



79ABFF



5E9AFF



8979FF



737880



0047BF



001840



# Inverse Universe

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



FF79AB



FF5E9A



FFFF79



807378



BF0047

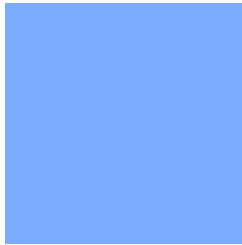


400018



# Previews

## White Background



This preview shows how the Hex color 79ABFF looks on a white background.

## Color Contrast Check

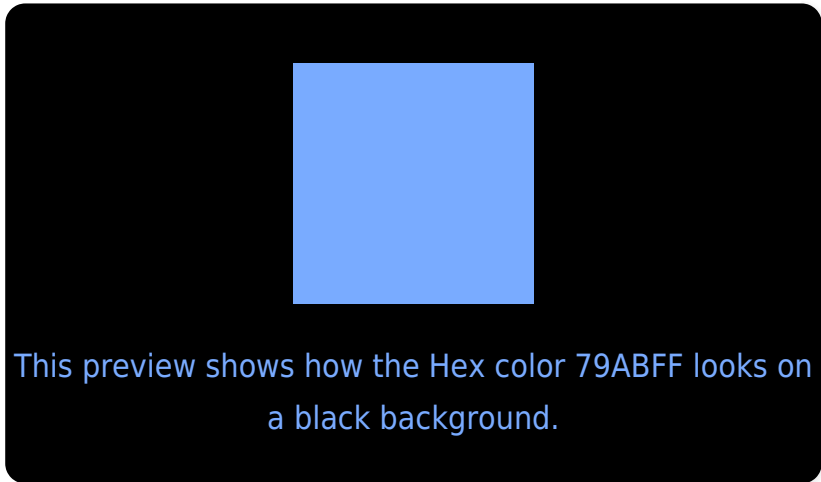
Large Text (above 18pt) WCAG AA × Fail

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

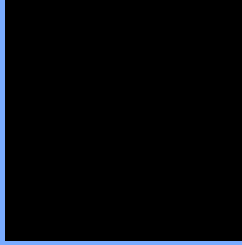
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

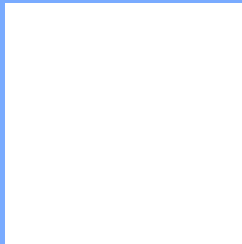
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79ABFF Background



This preview shows how black text looks on a background with the Hex color 79ABFF.



This preview shows how white text looks on a background with the Hex color 79ABFF.

# 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](#).

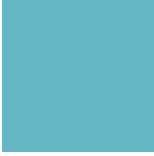
## Dichromacy



**Original Color**  
79ABFF

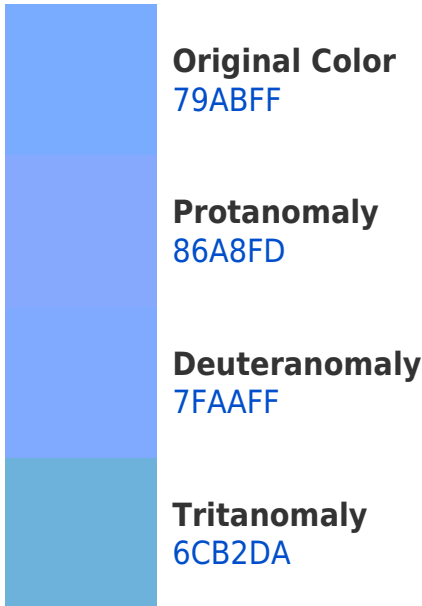
**Protanopia**  
8DA7FC

**Deuteranopia**  
82A9FF

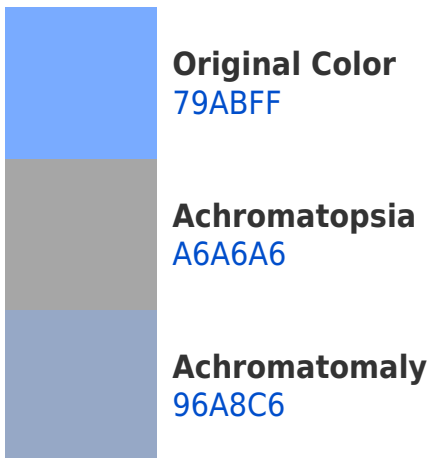


**Tritanopia**  
65B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79ABFF 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 #79ABFF looks like.

```
.text, #text, p{  
    color:#79ABFF  
}
```

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 #79ABFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79ABFF
}
```

## Border

The CSS property to change the border of an element to Hex 79ABFF 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
#79ABFF }
```

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

```
.border{ border-color:#79ABFF }
```

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

Here you see how a box with a 4 pixel #79ABFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79ABFF; -webkit-box-shadow:4px 4px  
4px 4px #79ABFF; box-shadow:4px 4px 4px  
4px #79ABFF }
```

# Background

The CSS property to change the background color of an element to Hex 79ABFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79ABFF }
```

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

```
.background{ background-color:#79ABFF }
```

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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