

# Converting Colors

Hex(9779F3)

Have a look what the booklet for  
Hex(9779F3) contains.

<b>Hex(9779F3)</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(9779F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9779F3
RGB	151, 121, 243
RGB Percent	59%, 47%, 95%
CMY	0.4078, 0.5255, 0.0471
CMYK	0.38, 0.50, 0.00, 0.05
HSL	255°, 84%, 71%
HSV	255°, 50%, 95%
XYZ	35.7775, 26.7251, 88.0668
YIQ	143.8780, -21.2820, 44.3020

# Conversions

## Conversions Part 2

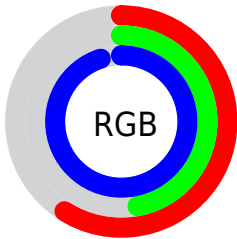
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 121, 243
Decimal	9927155
CIE <sub>Lab</sub>	58.72, 38.95, -57.52
CIE <sub>LCh</sub>	59, 69.466, 304.107
Yxy	26.7251, 0.2376, 0.1775
Android (android.graphics.Color)	4288117235 (0xFF9779F3)
YUV	143.8780, 48.8671, 6.2460
Hunter-Lab	51.6963, 33.0660, -64.8155

# Details

The Hex color **9779F3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D5F379**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D1AEFF**, and **5E47BA** is the 20% darker color. If you saturate the color by 10%, you get **8561F3**, and if you desaturate by 10%, it is **A991F3**.

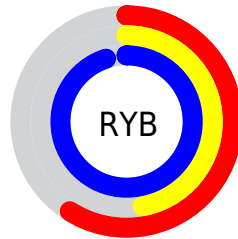
# Distribution



Red (59%)

Green (47%)

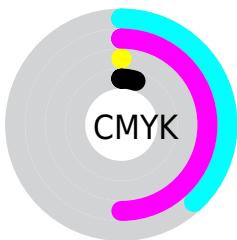
Blue (95%)



Red (59%)

Yellow (47%)

Blue (95%)

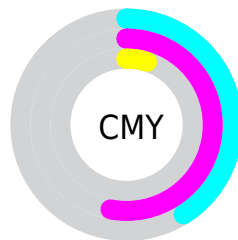


Cyan (38%)

Magenta (50%)

Yellow (0%)

Black (5%)



Cyan (41%)

Magenta (53%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9779F3 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 9779F3 by changing the saturation by 10% instead.



 9779F3

 9779F3

FFFFFF

 7B60D6

 D1AEFF

 5E47BA

 EECAFF

 41309F

 FFE6FF

 201984

 00046A

 000051

 000539

 000222

 000009

 9779F3

 9779F3

 8561F3

 A991F3

 7248F3

 BCAA F3

 6030F3

 CEC2 F3

 4E18F3

 E0DA F3

 3C00F3

 F3F2 F3

 FFFF F3

# Harmonies

## Analogous

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



0092FF



9779F3



DC5BC4

# Triad

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



9779F3



D27612



00A994

# Complementary

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



9779F3



D5F379

# 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.



00A555



9779F3



A28D00

# Square

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



9779F3



F25A4C



639D15



00A8D0

# Rectangle

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



9779F3



F34D9C



639D15



00A87F



# Sweetspot

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



9779F3



E2D9FF



79D7F3



6E6980



000000



808080



# Same Dimension

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



9779F3



8C66FF



D279F3



716E7A



2E00BA



0E003B



# Inverse Universe

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



F379D5



FF66D9



9AF379



7A6E77



BA008C

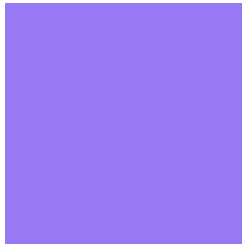


3B002C



# Previews

## White Background



This preview shows how the Hex color 9779F3 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 9779F3 Background



This preview shows how black text looks on a background with the Hex color 9779F3.

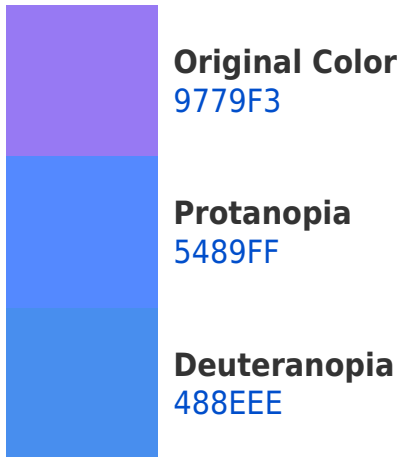


This preview shows how white text looks on a background with the Hex color 9779F3.

# 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](#).

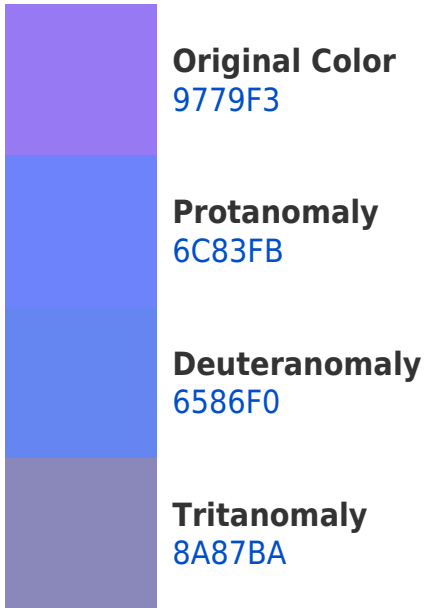
## Dichromacy



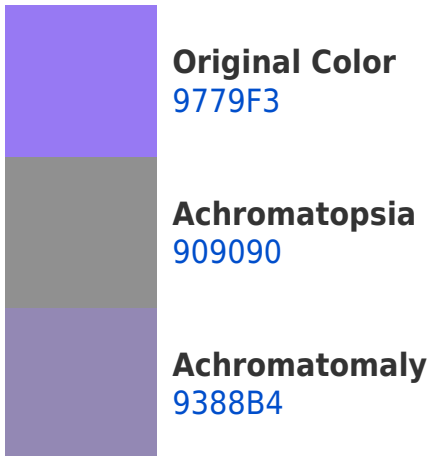


**Tritanopia**  
838F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9779F3 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 #9779F3 looks like.

```
.text, #text, p{  
    color:#9779F3  
}
```

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 #9779F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9779F3
}
```

## Border

The CSS property to change the border of an element to Hex 9779F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

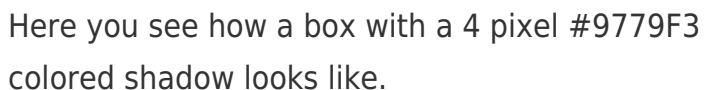
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9779F3 }
```

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

```
.border{ border-color:#9779F3 }
```

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



Here you see how a box with a 4 pixel #9779F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9779F3; -webkit-box-shadow:4px 4px  
4px 4px #9779F3; box-shadow:4px 4px 4px  
4px #9779F3 }
```

# Background

The CSS property to change the background color of an element to Hex 9779F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9779F3 }
```

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

```
.background{ background-color:#9779F3 }
```

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