

# Converting Colors

Hex(9573F0)

Have a look what the booklet for  
Hex(9573F0) contains.

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# Color

**Hex(9573F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9573F0
RGB	149, 115, 240
RGB Percent	58%, 45%, 94%
CMY	0.4157, 0.5490, 0.0588
CMYK	0.38, 0.52, 0.00, 0.06
HSL	256°, 81%, 70%
HSV	256°, 52%, 94%
XYZ	34.2533, 24.9423, 85.4471
YIQ	139.4160, -19.8610, 46.0830

# Conversions

## Conversions Part 2

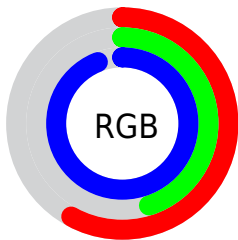
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 115, 240</a>
Decimal	<a href="#">9794544</a>
CIELab	<a href="#">57.02, 41.08, -58.58</a>
CIELCh	<a href="#">57, 71.549, 305.038</a>
Yxy	<a href="#">24.9423, 0.2368, 0.1724</a>
Android (android.graphics.Color)	<a href="#">4287984624 (0xFF9573F0)</a>
YUV	<a href="#">139.4160, 49.5879, 8.4052</a>
Hunter-Lab	<a href="#">49.9423, 35.0268, -66.4807</a>

# Details

The Hex color **9573F0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **CEF073**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CFA8FF**, and **5C42B7** is the 20% darker color. If you saturate the color by 10%, you get **845BF0**, and if you desaturate by 10%, it is **A68BF0**.

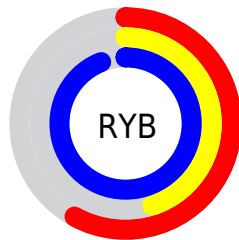
# Distribution



Red (58%)

Green (45%)

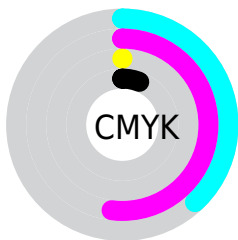
Blue (94%)



Red (58%)

Yellow (45%)

Blue (94%)

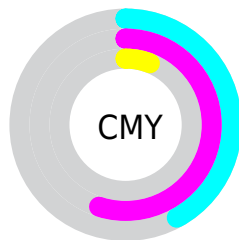


Cyan (38%)

Magenta (52%)

Yellow (0%)

Black (6%)



Cyan (42%)

Magenta (55%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9573F0 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 9573F0 by changing the saturation by 10% instead.



 9573F0

 9573F0

FFFFFF

 795AD3

 CFA8FF

 5C42B7

 ECC3FF

 3F2A9C

 FFDFFF

 1D1381

 FFFCFF

 000067

 00004E

 000536

 000220

 000004

 9573F0

 9573F0

 845BF0

 A68BF0

 7243F0

 B8A3F0

 612BF0

 C9BBF0

 4F13F0

 DBD3F0

 4100F0

 ECEBF0

 FEFFF0

 FFFFF0

# Harmonies

## Analogous

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



008DFF



9573F0



DB53BF

# Triad

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



9573F0



CD7200



00A592

# Complementary

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



9573F0



CEF073

# 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.



00A151



9573F0



9B8A00

# Square

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



9573F0



EE5445



599906



00A4CF

# Rectangle

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



9573F0



F14496



599906



00A47C



# Sweetspot

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



9573F0



E1D6FF



73CFF0



6E6780



000000



808080



# Same Dimension

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



9573F0



8A5EFF



D373F0



6F6C78



3200B8



0F0038



# Inverse Universe

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



F073CE



FF5ED3



90F073



786C75



B80086

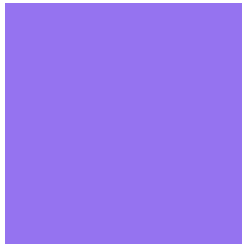


380029



# Previews

## White Background



This preview shows how the Hex color 9573F0 looks on a white background.

## Color Contrast Check

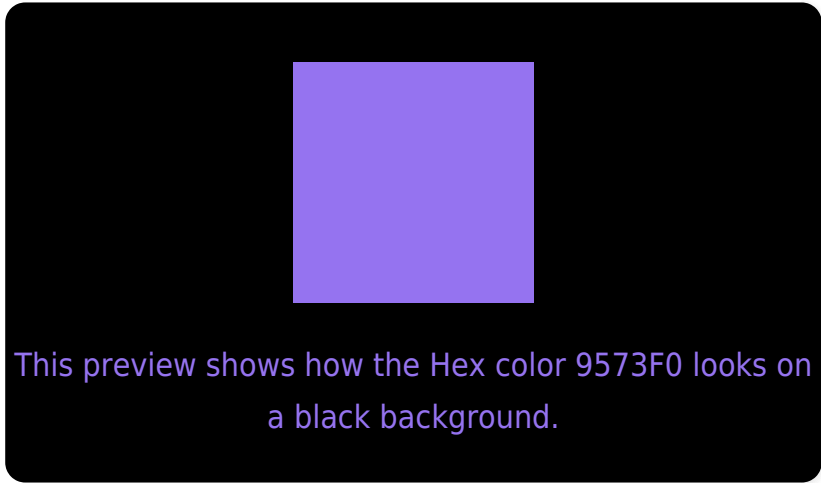
Large Text (above 18pt) WCAG AA ✓ Pass

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

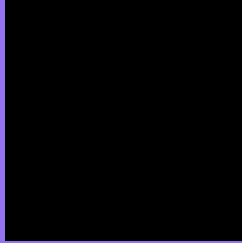
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9573F0 Background



This preview shows how black text looks on a background with the Hex color 9573F0.

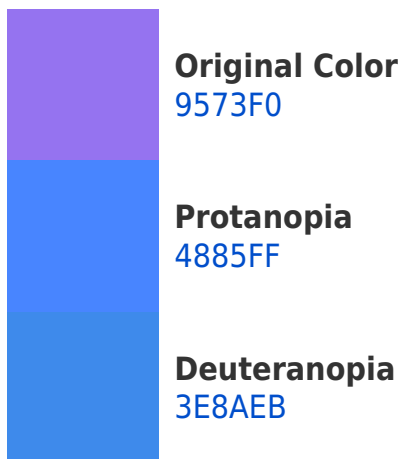


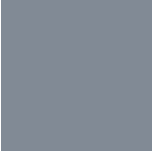
This preview shows how white text looks on a background with the Hex color 9573F0.

# 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**  
818A95

# Trichromacy



**Original Color**  
9573F0



**Protanomaly**  
647EFA



**Deuteranomaly**  
5E82ED



**Tritanomaly**  
8882B6

# Monochromacy



**Original Color**  
9573F0



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
8F82B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9573F0 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 #9573F0 looks like.

```
.text, #text, p{  
    color:#9573F0  
}
```

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 #9573F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9573F0
}
```

## Border

The CSS property to change the border of an element to Hex 9573F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

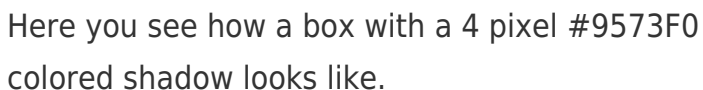
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9573F0 }
```

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

```
.border{ border-color:#9573F0 }
```

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



Here you see how a box with a 4 pixel #9573F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9573F0; -webkit-box-shadow:4px 4px  
4px 4px #9573F0; box-shadow:4px 4px 4px  
4px #9573F0 }
```

# Background

The CSS property to change the background color of an element to Hex 9573F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9573F0 }
```

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

```
.background{ background-color:#9573F0 }
```

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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