

# Converting Colors

Hex(972BFF)

Have a look what the booklet for  
Hex(972BFF) contains.

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**Color**

**Hex(972BFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	972BFF
RGB	151, 43, 255
RGB Percent	59%, 17%, 100%
CMY	0.4078, 0.8314, 0.0000
CMYK	0.41, 0.83, 0.00, 0.00
HSL	271°, 100%, 58%
HSV	271°, 83%, 100%
XYZ	31.6764, 15.5271, 95.9352
YIQ	99.4600, -3.6840, 88.8280

# Conversions

## Conversions Part 2

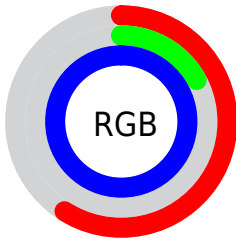
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 43, 255
Decimal	9907199
CIE <sub>Lab</sub>	46.35, 77.92, -84.24
CIE <sub>LCh</sub>	46, 114.750, 312.768
Yxy	15.5271, 0.2213, 0.1085
Android (android.graphics.Color)	4288097279 (0xFF972BFF)
YUV	99.4600, 76.6812, 45.2006
Hunter-Lab	39.4044, 74.5348, -116.7663

# Details

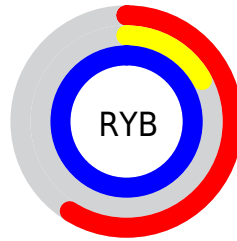
The Hex color **972BFF** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **93FF2B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D568FF**, and **5800C5** is the 20% darker color. If you saturate the color by 10%, you get **8A12FF**, and if you desaturate by 10%, it is **A445FF**.

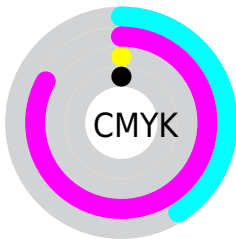
# Distribution



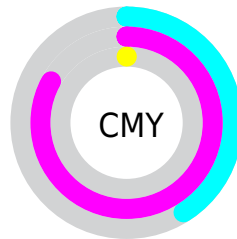
- Red (59%)
- Green (17%)
- Blue (100%)



- Red (59%)
- Yellow (17%)
- Blue (100%)



- Cyan (41%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (83%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 972BFF 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 972BFF by changing the saturation by 10% instead.



 972BFF

 972BFF

FFFFFF

 7800E2

 D568FF

 5800C5

 F485FF

 3300A9

 FFA1FF

 00008D

 FFBEFF

 000073

 FFDCFF

 000059

 FFF9FF

 000740

 000329

 000113

972BFF

972BFF

8A12FF

A445FF

8200FF

B05EFF

BD78FF

C991FF

D6ABFF

E2C4FF

EFDEFF

FBF7FF

FFFFFF

# Harmonies

## Analogous

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



0070FF



972BFF



F400A9

# Triad

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



972BFF



B25300



008F97

# Complementary

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



972BFF



93FF2B

# 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.



008C2E



972BFF



607700

# Square

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



972BFF



ED0000



008600



0090F2

# Rectangle

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



972BFF



FF006A



008600



008E75



# Sweetspot

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



972BFF



E0BFFF



2B95FF



6D5980



000000



808080



# Same Dimension

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



972BFF



8200FF



FF2BFF



797380



6100BF



200040



# Inverse Universe

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



FF2B93



FF007D



2BFF2B



807379



BF005E

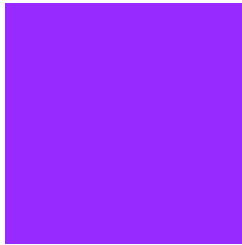


40001F



# Previews

## White Background



This preview shows how the Hex color 972BFF looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

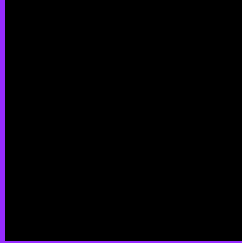
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 972BFF Background



This preview shows how black text looks on a background with the Hex color 972BFF.

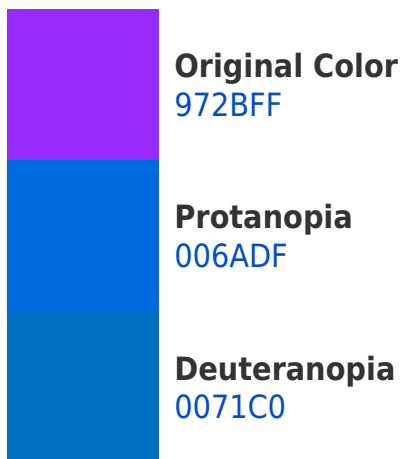



This preview shows how white text looks on a background with the Hex color 972BFF.

# 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**  
786972

# Trichromacy



**Original Color**  
972BFF



**Protanomaly**  
3753EB



**Deuteranomaly**  
3758D7



**Tritanomaly**  
8352A5

# Monochromacy



**Original Color**  
972BFF



**Achromatopsia**  
636363



**Achromatomaly**  
764F9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 972BFF 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 #972BFF looks like.

```
.text, #text, p{  
    color:#972BFF  
}
```

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 #972BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #972BFF
}
```

## Border

The CSS property to change the border of an element to Hex 972BFF 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".

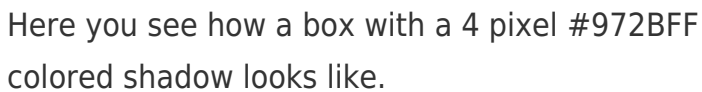
```
.border, #border, table{ border:4px solid
#972BFF }
```

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

```
.border{ border-color:#972BFF }
```

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

Here you see how a box with a 4 pixel #972BFF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #972BFF; -webkit-box-shadow:4px 4px  
4px 4px #972BFF; box-shadow:4px 4px 4px  
4px #972BFF }
```

# Background

The CSS property to change the background color of an element to Hex 972BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#972BFF }
```

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

```
.background{ background-color:#972BFF }
```

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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