

Converting Colors

Hex(970BFF)

Have a look what the booklet for
Hex(970BFF) contains.

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Color

Hex(970BFF)

Conversions

Conversions Part 1

Format	Color
Hex	970BFF
RGB	151, 11, 255
RGB Percent	59%, 4%, 100%
CMY	0.4078, 0.9569, 0.0000
CMYK	0.41, 0.96, 0.00, 0.00
HSL	274°, 100%, 52%
HSV	274°, 96%, 100%
XYZ	30.9322, 14.0387, 95.6872
YIQ	80.6760, 5.1160, 105.5640

Conversions

Conversions Part 2

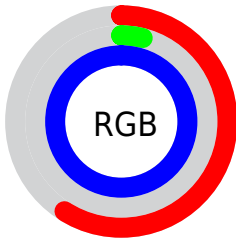
Format	Color
R_{YB}	151, 11, 255
Decimal	9899007
CIE _{Lab}	44.29, 84.06, -87.62
CIE _{LCh}	44, 121.425, 313.810
Yxy	14.0387, 0.2199, 0.0998
Android (android.graphics.Color)	4288089087 (0xFF970BFF)
YUV	80.6760, 85.9417, 61.6741
Hunter-Lab	37.4682, 81.7928, -125.1885

Details

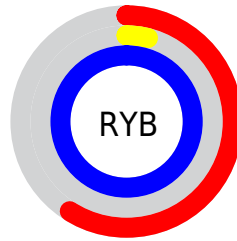
The Hex color **970BFF** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **73FF0B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D559FF**, and **5700C5** is the 20% darker color. If you saturate the color by 10%, you get **9200FF**, and if you desaturate by 10%, it is **A224FF**.

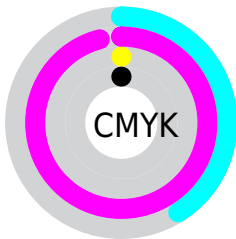
Distribution



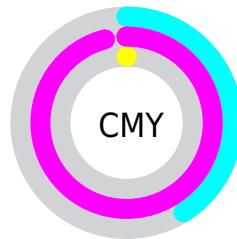
- Red (59%)
- Green (4%)
- Blue (100%)



- Red (59%)
- Yellow (4%)
- Blue (100%)



- Cyan (41%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 970BFF 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 970BFF by changing the saturation by 10% instead.

 970BFF

 970BFF


FFFFFF

 7700E2

 D559FF

 5700C5

 F577FF

 3100A8

 FF94FF

 00008D

 FFB2FF

 000072

 FFCFFF

 000058

 FFEDFF

 000740

 000329

 000113


 970BFF

 970BFF

 9200FF

 A224FF

 AD3EFF

 B858FF

 C271FF

 CD8BFF

 D8A4FF

 E3BEFF

 EED7FF

 F9F1FF

Harmonies

Analogous

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



006BFF



970BFF



F600A4

Triad

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



970BFF



AB4E00



008A97

Complementary

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



970BFF



73FF0B

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.



008729



970BFF



537300

Square

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



970BFF



E90000



008200



008CF7

Rectangle

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



970BFF



FF0062



008200



008974

Sweetspot

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



970BFF



DFB5FF



0B75FF



6C5380



000000



808080

Same Dimension

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



970BFF



9200FF



FF0BEF



7A7380



6E00BF



250040

Inverse Universe

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



FF0B73



FF006D



0BFF1B



807378



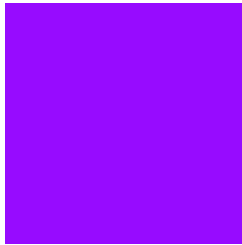
BF0052



40001B

Previews

White Background



This preview shows how the Hex color 970BFF looks on a white background.

Color Contrast Check

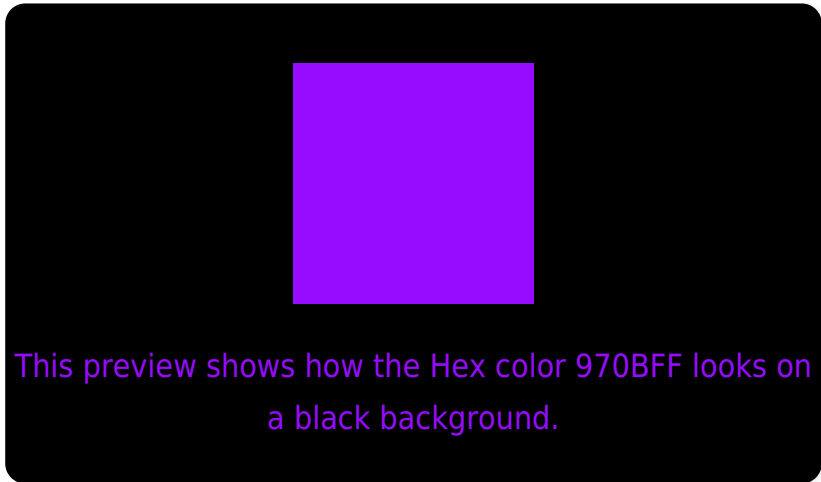
Large Text (above 18pt) WCAG AA ✓ Pass

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

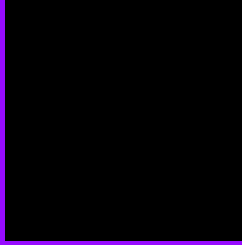
Any Text WCAG AA × Fail

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 970BFF Background



This preview shows how black text looks on a background with the Hex color 970BFF.

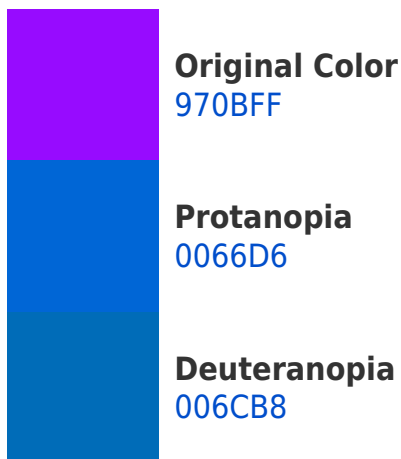



This preview shows how white text looks on a background with the Hex color 970BFF.

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](#).

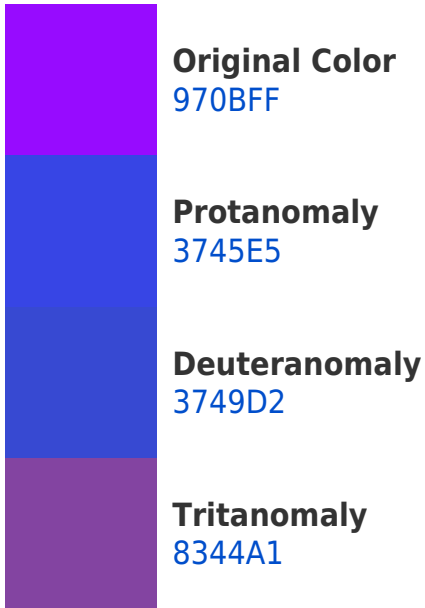
Dichromacy



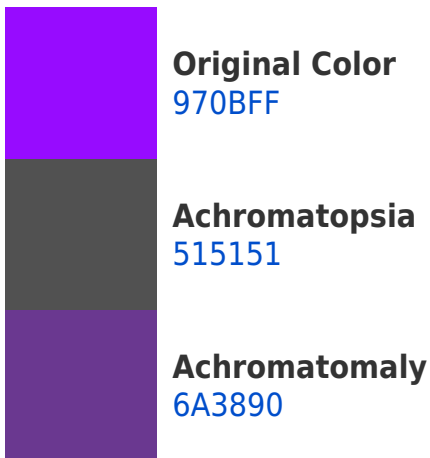


Tritanopia
77646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 970BFF 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 #970BFF looks like.

```
.text, #text, p{  
    color:#970BFF  
}
```

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 #970BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970BFF
}
```

Border

The CSS property to change the border of an element to Hex 970BFF 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".

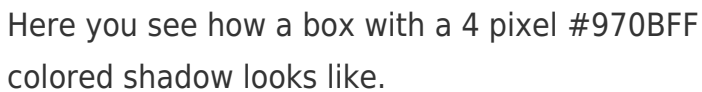
```
.border, #border, table{ border:4px solid
#970BFF }
```

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

```
.border{ border-color:#970BFF }
```

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

Here you see how a box with a 4 pixel #970BFF 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 #970BFF; -webkit-box-shadow:4px 4px  
4px 4px #970BFF; box-shadow:4px 4px 4px  
4px #970BFF }
```

Background

The CSS property to change the background color of an element to Hex 970BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970BFF }
```

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

```
.background{ background-color:#970BFF }
```

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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