

Converting Colors

Hex(9970FB)

Have a look what the booklet for
Hex(9970FB) contains.

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Color

Hex(9970FB)

Conversions

Conversions Part 1

Format	Color
Hex	9970FB
RGB	153, 112, 251
RGB Percent	60%, 44%, 98%
CMY	0.4000, 0.5608, 0.0157
CMYK	0.39, 0.55, 0.00, 0.02
HSL	258°, 95%, 71%
HSV	258°, 55%, 98%
XYZ	36.3436, 25.3257, 94.2396
YIQ	140.1050, -20.1830, 51.9210

Conversions

Conversions Part 2

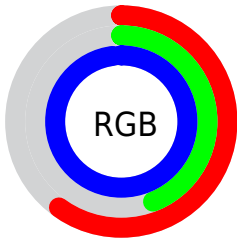
Format	Color
RYB	153, 112, 251
Decimal	10055931
CIELab	57.39, 46.57, -64.06
CIElCh	57, 79.200, 306.014
Yxy	25.3257, 0.2331, 0.1624
Android (android.graphics.Color)	4288246011 (0xFF9970FB)
YUV	140.1050, 54.6712, 11.3089
Hunter-Lab	50.3246, 40.8417, -75.8012

Details

The Hex color **9970FB** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D2FB70**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D4A5FF**, and **5F3EC2** is the 20% darker color. If you saturate the color by 10%, you get **8757FB**, and if you desaturate by 10%, it is **AB89FB**.

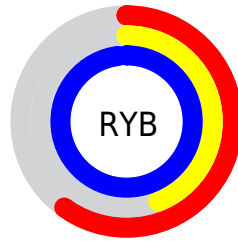
Distribution



Red (60%)

Green (44%)

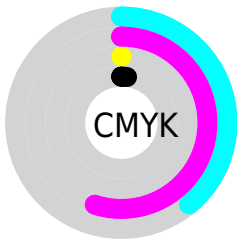
Blue (98%)



Red (60%)

Yellow (44%)

Blue (98%)

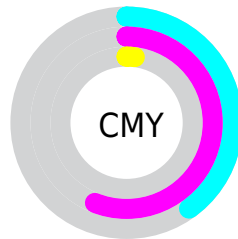


Cyan (39%)

Magenta (55%)

Yellow (0%)

Black (2%)



Cyan (40%)

Magenta (56%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9970FB 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 9970FB by changing the saturation by 10% instead.

 9970FB

 9970FB

FFFFFF

 7C57DE

 D4A5FF

 5F3EC2

 F2C0FF

 4026A6

 FFDDFF

 1C0D8B


 FFFAFF

 000070

 000057

 00063F

 000328

 000111

■ 9970FB

■ 9970FB

■ 8757FB

■ AB89FB

■ 763EFB

■ BCA2FB

■ 6425FB

■ CEBBFB

■ 520CFB

■ E0D4FB

■ 4A00FB

■ F1EEFB

■ FFFFFB

Harmonies

Analogous

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



008EFF



9970FB



E548C3

Triad

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



9970FB



D27100



00A896

Complementary

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



9970FB



D2FB70

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.



00A44E



9970FB



9A8C00

Square

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



9970FB



F74C3C



4F9C00



00A7DA

Rectangle

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



9970FB



FC3396



4F9C00



00A77E

Sweetspot

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



9970FB



E0D4FF



70D4FB



6E6680



000000



808080

Same Dimension

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



9970FB



8857FF



DD70FB



74707D



3800BD



12003D

Inverse Universe

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



FB70D2



FF57CD



8EFB70



7D7079



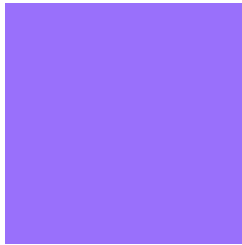
BD0085



3D002B

Previews

White Background



This preview shows how the Hex color 9970FB 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

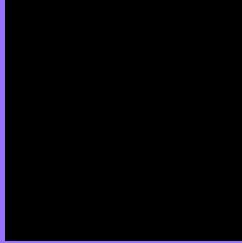
Any Text WCAG AA ✓ Pass

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 9970FB Background



This preview shows how black text looks on a background with the Hex color 9970FB.

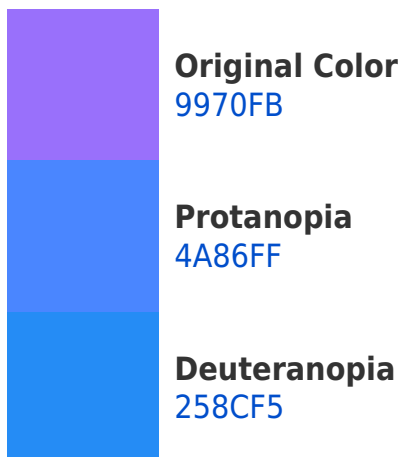


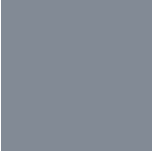
This preview shows how white text looks on a background with the Hex color 9970FB.

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](#).

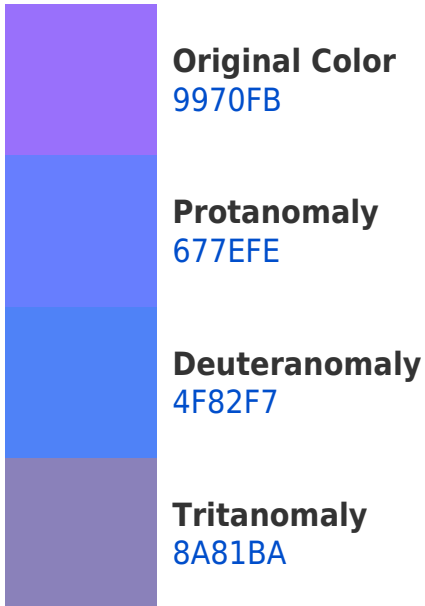
Dichromacy



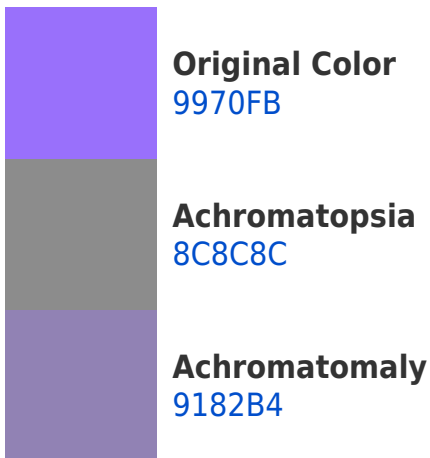


Tritanopia
828A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9970FB 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 #9970FB looks like.

```
.text, #text, p{  
    color:#9970FB  
}
```

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 #9970FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9970FB  
}
```

Border

The CSS property to change the border of an element to Hex 9970FB 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  
#9970FB }
```

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

```
.border{ border-color:#9970FB }
```

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

Here you see how a box with a 4 pixel #9970FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9970FB; -webkit-box-shadow:4px 4px  
4px 4px #9970FB; box-shadow:4px 4px 4px  
4px #9970FB }
```

Background

The CSS property to change the background color of an element to Hex 9970FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9970FB }
```

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

```
.background{ background-color:#9970FB }
```

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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