

Converting Colors

Hex(968DFF)

Have a look what the booklet for
Hex(968DFF) contains.

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Color

Hex(968DFF)

Conversions

Conversions Part 1

Format	Color
Hex	968DFF
RGB	150, 141, 255
RGB Percent	59%, 55%, 100%
CMY	0.4118, 0.4471, 0.0000
CMYK	0.41, 0.45, 0.00, 0.00
HSL	245°, 100%, 78%
HSV	245°, 45%, 100%
XYZ	40.1526, 32.7538, 98.8136
YIQ	156.6870, -31.2300, 37.3620

Conversions

Conversions Part 2

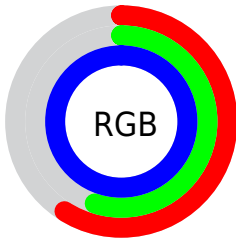
Format	Color
R_{YB}	150, 141, 255
Decimal	9866751
CIE _{Lab}	63.96, 30.51, -55.77
CIE _{LCh}	64, 63.571, 298.682
Yxy	32.7538, 0.2338, 0.1907
Android (android.graphics.Color)	4288056831 (0xFF968DFF)
YUV	156.6870, 48.4683, -5.8645
Hunter-Lab	57.2309, 25.0794, -62.3071

Details

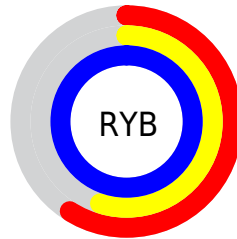
The Hex color **968DFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F6FF8D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D0C3FF**, and **5D5BC6** is the 20% darker color. If you saturate the color by 10%, you get **7F74FF**, and if you desaturate by 10%, it is **ADA7FF**.

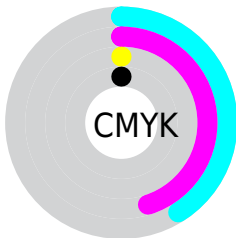
Distribution



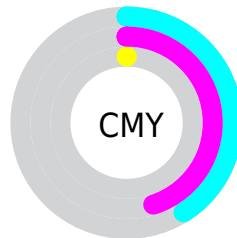
- Red (59%)
- Green (55%)
- Blue (100%)



- Red (59%)
- Yellow (55%)
- Blue (100%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 968DFF 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 968DFF by changing the saturation by 10% instead.

 968DFF

 968DFF

FFFFFF

 7973E2

 D0C3FF

 5D5BC6

 EEDFFF

 3F43AA

 FFFBFF

 1B2D8F

 001875

 00025B

 000443

 00032C

 000116

 968DFF

 968DFF

 7F74FF

 ADA7FF

 675AFF

 C5C0FF

 5041FF

 DCDAFF

 3827FF

 F4F3FF

 210EFF

FFFFFF

 1400FF

Harmonies

Analogous

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



00A2FF



968DFF



DD74D7

Triad

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



968DFF



E58138



00B697

Complementary

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



968DFF



F6FF8D

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.



28B15D



968DFF



BA9719

Square

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



968DFF



FE6B68



82A82D



00B5D0

Rectangle

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



968DFF



F767B3



82A82D



00B583

Sweetspot

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



968DFF



E0DEFF



8DF7FF



6D6B80



000000



808080

Same Dimension

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



968DFF



8075FF



CE8DFF



747380



0F00BF



050040

Inverse Universe

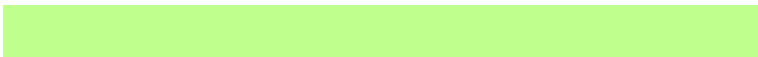
The Inverse Universe completely reimagines the original color for something new.



FF8DF6



FF75F4



BEFF8D



80737E



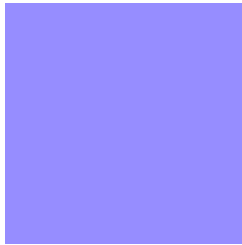
BF00B0



40003B

Previews

White Background



This preview shows how the Hex color 968DFF looks on a white background.

Color Contrast Check

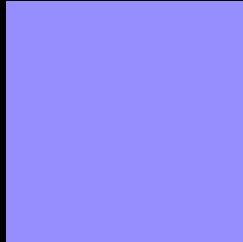
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 968DFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

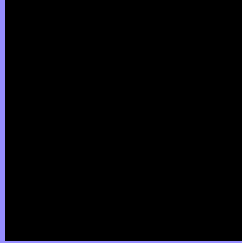
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 968DFF Background



This preview shows how black text looks on a background with the Hex color 968DFF.

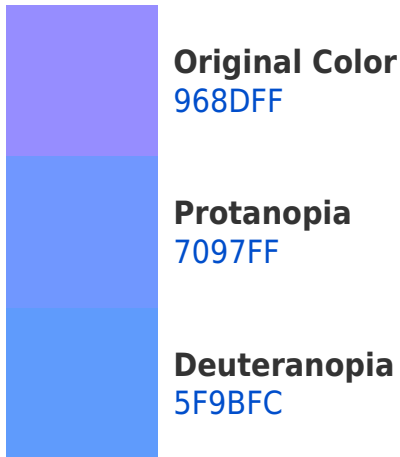


This preview shows how white text looks on a background with the Hex color 968DFF.

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](#).

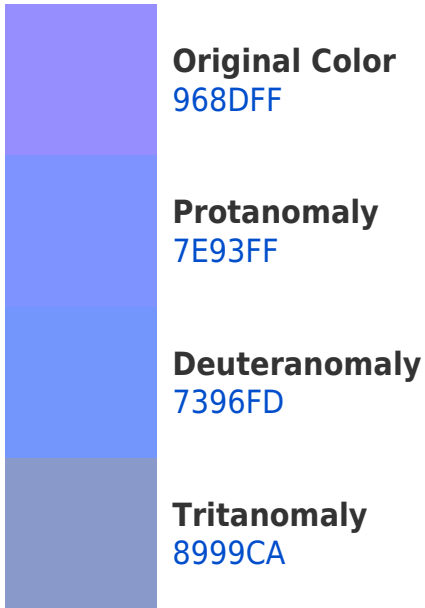
Dichromacy



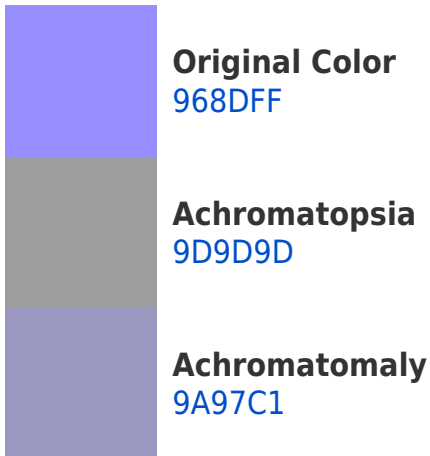


Tritanopia
82A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 968DFF 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 #968DFF looks like.

```
.text, #text, p{  
    color:#968DFF  
}
```

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 #968DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968DFF
}
```

Border

The CSS property to change the border of an element to Hex 968DFF 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
#968DFF }
```

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

```
.border{ border-color:#968DFF }
```

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

Here you see how a box with a 4 pixel #968DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968DFF; -webkit-box-shadow:4px 4px  
4px 4px #968DFF; box-shadow:4px 4px 4px  
4px #968DFF }
```

Background

The CSS property to change the background color of an element to Hex 968DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968DFF }
```

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

```
.background{ background-color:#968DFF }
```

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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