

Converting Colors

Hex(898BFF)

Have a look what the booklet for
Hex(898BFF) contains.

Hex(898BFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(898BFF)

Conversions

Conversions Part 1

Format	Color
Hex	898BFF
RGB	137, 139, 255
RGB Percent	54%, 55%, 100%
CMY	0.4627, 0.4549, 0.0000
CMYK	0.46, 0.45, 0.00, 0.00
HSL	239°, 100%, 77%
HSV	239°, 46%, 100%
XYZ	37.5991, 31.0036, 98.6103
YIQ	151.6260, -38.4280, 35.6520

Conversions

Conversions Part 2

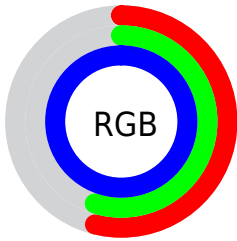
Format	Color
RYB	137, 139, 255
Decimal	9014271
CIELab	62.51, 28.63, -58.14
CIELCh	63, 64.807, 296.221
Yxy	31.0036, 0.2249, 0.1854
Android (android.graphics.Color)	4287204351 (0xFF898BFF)
YUV	151.6260, 50.9634, -12.8270
Hunter-Lab	55.6809, 23.0926, -66.0255

Details

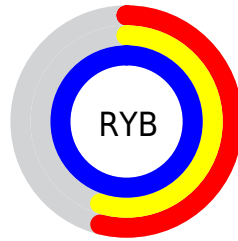
The Hex color **898BFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFFD89**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C3C0FF**, and **4E59C6** is the 20% darker color. If you saturate the color by 10%, you get **7072FF**, and if you desaturate by 10%, it is **A3A4FF**.

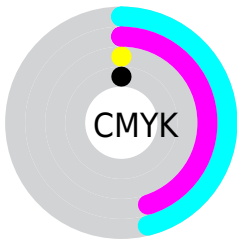
Distribution



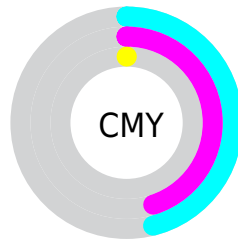
- Red (54%)
- Green (55%)
- Blue (100%)



- Red (54%)
- Yellow (55%)
- Blue (100%)



- Cyan (46%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 898BFF 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 898BFF by changing the saturation by 10% instead.

 898BFF

 898BFF

FFFFFF

 6C72E2

 C3C0FF

 4E59C6

 E1DCFF

 2C42AA

 FFF9FF

 002C8F

 001874

 00005B

 000743

 00032C

 000116

 898BFF

 898BFF

 7072FF

 A3A4FF

 5659FF

 BCBDFE

 3C40FF

 D6D6FF

 2327FF

 EFEFFF

 090EFF

FFFFFF

 0004FF

Harmonies

Analogous

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



00A0FF



898BFF



D671D8

Triad

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



898BFF



E57B36



00B28E

Complementary

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



898BFF



FFD89

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.



2BAD53



898BFF



BA920F

Square

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



898BFF



FC6568



82A321



00B2C8

Rectangle

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



898BFF



F163B4



82A321



00B17A

Sweetspot

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



898BFF



DBDCFF



89FFFB



6A6A80



000000



808080

Same Dimension

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



898BFF



7073FF



C089FF



737380



0003BF



000140

Inverse Universe

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



FF898B



FF7073



C8FF89



807373



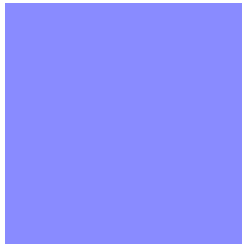
BF0003



400001

Previews

White Background



This preview shows how the Hex color 898BFF looks on a white background.

Color Contrast Check

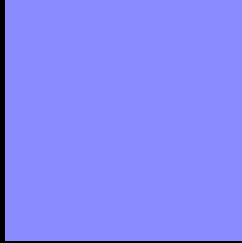
Large Text (above 18pt) WCAG AA × Fail

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 898BFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

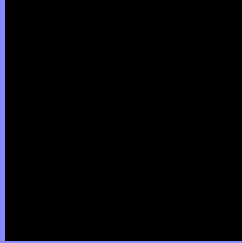
Any Text WCAG AA ✓ Pass

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 898BFF Background



This preview shows how black text looks on a background with the Hex color 898BFF.



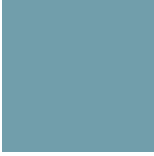
This preview shows how white text looks on a background with the Hex color 898BFF.

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](#).

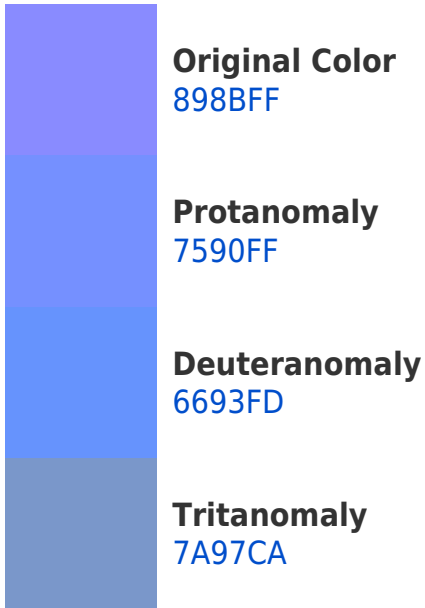
Dichromacy



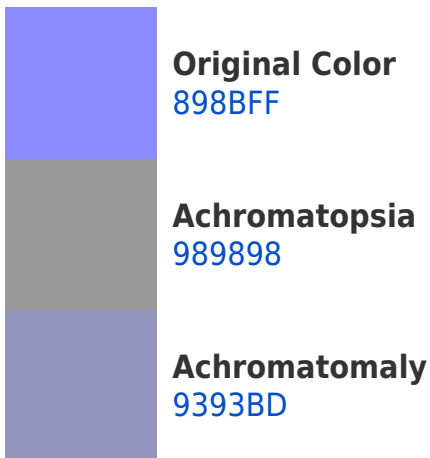


Tritanopia
719EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 898BFF 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 #898BFF looks like.

```
.text, #text, p{  
    color:#898BFF  
}
```

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 #898BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898BFF
}
```

Border

The CSS property to change the border of an element to Hex 898BFF 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
#898BFF }
```

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

```
.border{ border-color:#898BFF }
```

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

Here you see how a box with a 4 pixel #898BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898BFF; -webkit-box-shadow:4px 4px  
4px 4px #898BFF; box-shadow:4px 4px 4px  
4px #898BFF }
```

Background

The CSS property to change the background color of an element to Hex 898BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898BFF }
```

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

```
.background{ background-color:#898BFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor