

# Converting Colors

Hex(9588FF)

Have a look what the booklet for  
Hex(9588FF) contains.

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# Color

Hex(9588FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	9588FF
RGB	149, 136, 255
RGB Percent	58%, 53%, 100%
CMY	0.4157, 0.4667, 0.0000
CMYK	0.42, 0.47, 0.00, 0.00
HSL	247°, 100%, 77%
HSV	247°, 47%, 100%
XYZ	39.2486, 31.2179, 98.5648
YIQ	153.4530, -30.4510, 39.7650

# Conversions

## Conversions Part 2

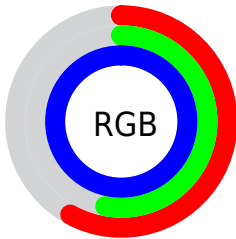
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 136, 255
Decimal	9799935
CIE Lab	62.69, 33.15, -57.80
CIE LCh	63, 66.628, 299.835
Yxy	31.2179, 0.2322, 0.1847
Android (android.graphics.Color)	4287990015 (0xFF9588FF)
YUV	153.4530, 50.0627, -3.9053
Hunter-Lab	55.8730, 27.6116, -65.4816

# Details

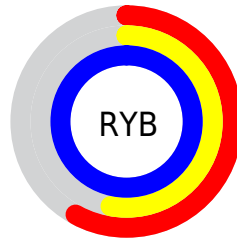
The Hex color **9588FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F2FF88**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CFBDFF**, and **5B56C6** is the 20% darker color. If you saturate the color by 10%, you get **7E6FFF**, and if you desaturate by 10%, it is **ACA2FF**.

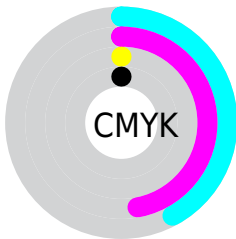
# Distribution



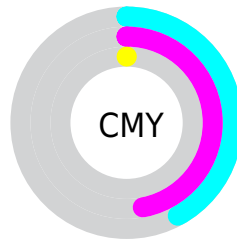
- Red (58%)
- Green (53%)
- Blue (100%)



- Red (58%)
- Yellow (53%)
- Blue (100%)



- Cyan (42%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9588FF 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 9588FF by changing the saturation by 10% instead.



 9588FF

 9588FF

FFFFFF

 786FE2

 CFBDFE

 5B56C6

 EDD9FF

 3D3FAA

 FFF6FF

 18288F

 001474

 00005B

 000643

 00032B

 000116

■ 9588FF

■ 9588FF

■ 7E6FFF

■ ACA2FF

■ 6855FF

■ C2BBFF

■ 513CFF

■ D9D5FF

■ 3A22FF

■ F0EEFF

■ 2309FF

FFFFFF

■ 1C00FF

# Harmonies

## Analogous

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



009FFF



9588FF



DE6DD4

# Triad

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



9588FF



E27E2D



00B395

# Complementary

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



9588FF



F2FF88

# 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.



00AF59



9588FF



B59501

# Square

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



9588FF



FE6560



7AA523



00B3D1

# Rectangle

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



9588FF



F85FAE



7AA523



00B281



# Sweetspot

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



9588FF



DFDBFF



88F3FF



6C6A80



000000



808080



# Same Dimension

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



9588FF



8070FF



CF88FF



747380



1500BF



070040



# Inverse Universe

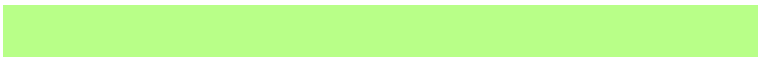
The Inverse Universe completely reimagines the original color for something new.



FF88F2



FF70EF



B8FF88



80737E



BF00AA

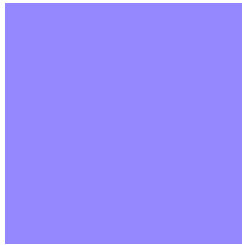


400039



# Previews

## White Background



This preview shows how the Hex color 9588FF looks on a white background.

## Color Contrast Check

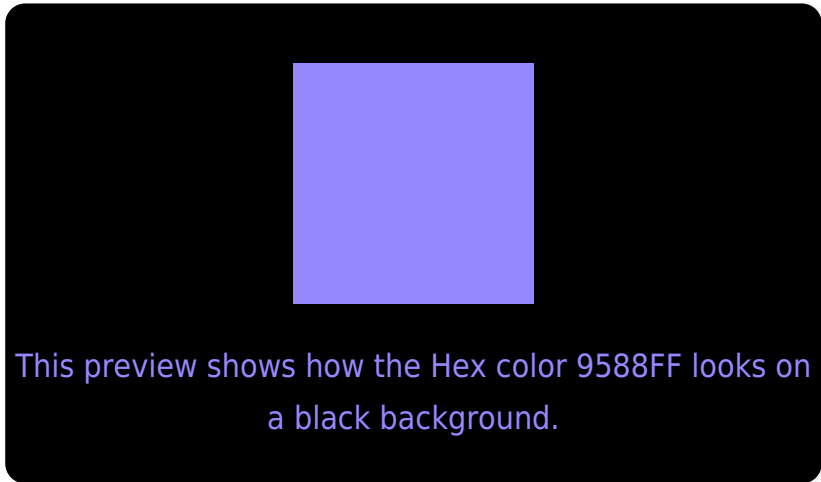
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

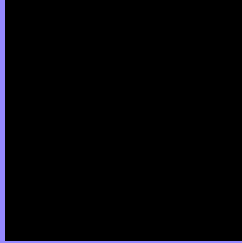
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9588FF Background



This preview shows how black text looks on a background with the Hex color 9588FF.

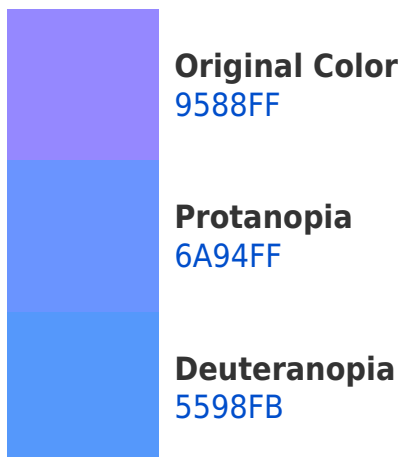


This preview shows how white text looks on a background with the Hex color 9588FF.

# 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](#).

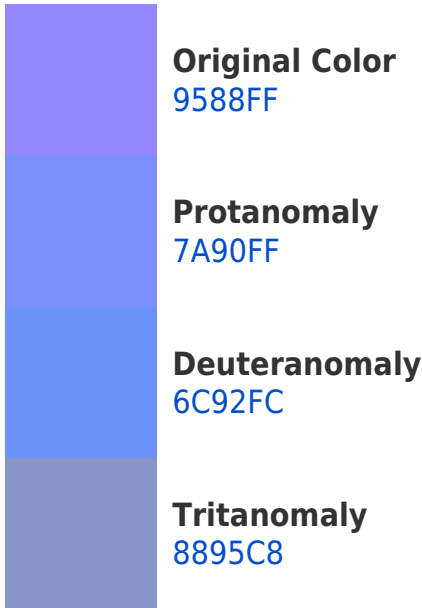
## Dichromacy





**Tritanopia**  
809CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9588FF 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 #9588FF looks like.

```
.text, #text, p{  
    color:#9588FF  
}
```

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 #9588FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9588FF
}
```

## Border

The CSS property to change the border of an element to Hex 9588FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

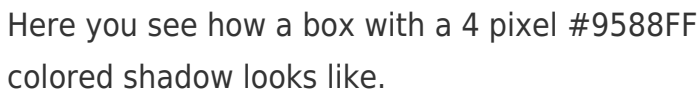
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9588FF }
```

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

```
.border{ border-color:#9588FF }
```

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



Here you see how a box with a 4 pixel #9588FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9588FF; -webkit-box-shadow:4px 4px  
4px 4px #9588FF; box-shadow:4px 4px 4px  
4px #9588FF }
```

# Background

The CSS property to change the background color of an element to Hex 9588FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9588FF }
```

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

```
.background{ background-color:#9588FF }
```

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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