

# Converting Colors

Hex(9585FF)

Have a look what the booklet for  
Hex(9585FF) contains.

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# Color

Hex(9585FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	9585FF
RGB	149, 133, 255
RGB Percent	58%, 52%, 100%
CMY	0.4157, 0.4784, 0.0000
CMYK	0.42, 0.48, 0.00, 0.00
HSL	248°, 100%, 76%
HSV	248°, 48%, 100%
XYZ	38.8320, 30.3846, 98.4259
YIQ	151.6920, -29.6260, 41.3340

# Conversions

## Conversions Part 2

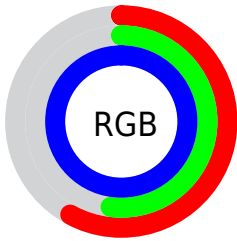
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 133, 255
Decimal	9799167
CIE <sub>Lab</sub>	61.98, 34.87, -58.92
CIE <sub>LCh</sub>	62, 68.469, 300.616
Yxy	30.3846, 0.2316, 0.1812
Android (android.graphics.Color)	4287989247 (0xFF9585FF)
YUV	151.6920, 50.9308, -2.3609
Hunter-Lab	55.1222, 29.2839, -67.2822

# Details

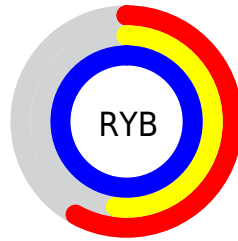
The Hex color **9585FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFFF85**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CFBAFF**, and **5B53C5** is the 20% darker color. If you saturate the color by 10%, you get **7F6CFF**, and if you desaturate by 10%, it is **AB9FFF**.

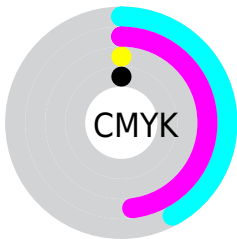
# Distribution



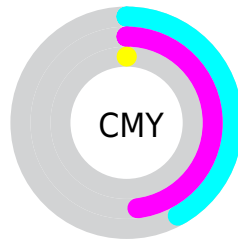
- Red (58%)
- Green (52%)
- Blue (100%)



- Red (58%)
- Yellow (52%)
- Blue (100%)



- Cyan (42%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (48%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9585FF 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 9585FF by changing the saturation by 10% instead.



 9585FF

 9585FF

FFFFFF

 786CE2

 CFBAFF

 5B53C5

 EDD6FF

 3D3CAA

 FFF3FF

 17268F

 001174

 00005B

 000742

 00032B

 000116

■ 9585FF

■ 9585FF

■ 7F6CFF

■ AB9FFF

■ 6952FF

■ C1B8FF

■ 5339FF

■ D7D2FF

■ 3C1FFF

■ EEEBFF

■ 2606FF

FFFFFF

■ 2100FF

# Harmonies

## Analogous

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



009DFF



9585FF



DF69D2

# Triad

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



9585FF



E17C26



00B295

# Complementary

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



9585FF



EFFF85

# 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.



00AD57



9585FF



B29300

# Square

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



9585FF



FD625C



75A41C



00B1D2

# Rectangle

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



9585FF



F95AAC



75A41C



00B180



# Sweetspot

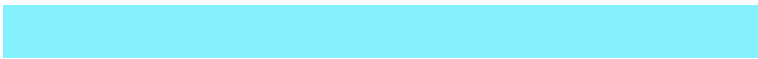
The Sweet Spot groups the original color and five complimentary colors.



9585FF



E0DBFF



85F1FF



6D6A80



000000



808080



# Same Dimension

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



9585FF



816EFF



D085FF



747380



1900BF



080040



# Inverse Universe

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



FF85EF



FF6EEC



B4FF85



80737E



BF00A6

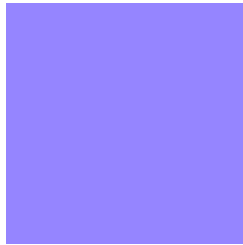


400037



# Previews

## White Background



This preview shows how the Hex color 9585FF looks on a white background.

## Color Contrast Check

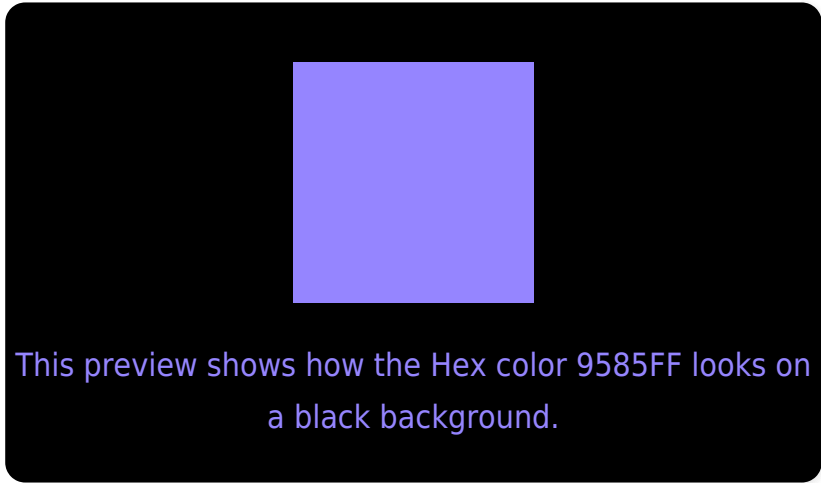
Large Text (above 18pt) WCAG AA × Fail

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 9585FF Background



This preview shows how black text looks on a background with the Hex color 9585FF.



This preview shows how white text looks on a background with the Hex color 9585FF.

# 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](#).

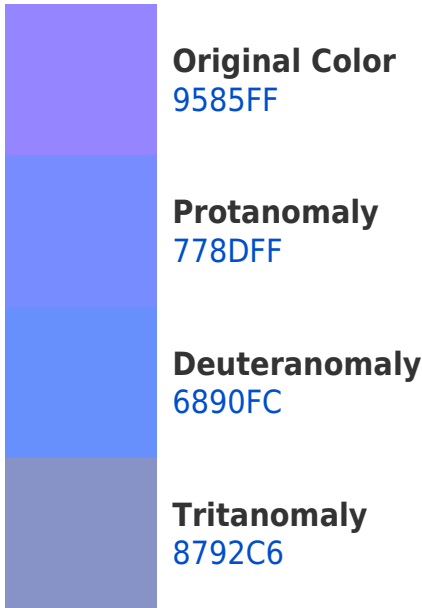
## Dichromacy



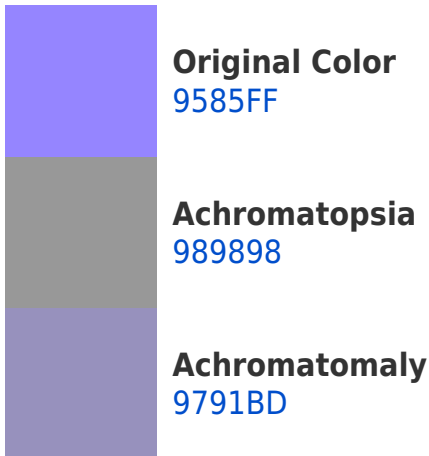


**Tritanopia**  
7F9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9585FF 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 #9585FF looks like.

```
.text, #text, p{  
    color:#9585FF  
}
```

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 #9585FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9585FF
}
```

## Border

The CSS property to change the border of an element to Hex 9585FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

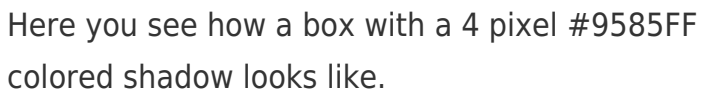
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9585FF }
```

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

```
.border{ border-color:#9585FF }
```

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



Here you see how a box with a 4 pixel #9585FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9585FF; -webkit-box-shadow:4px 4px  
4px 4px #9585FF; box-shadow:4px 4px 4px  
4px #9585FF }
```

# Background

The CSS property to change the background color of an element to Hex 9585FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9585FF }
```

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

```
.background{ background-color:#9585FF }
```

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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