

# Converting Colors

Hex(9A95FF)

Have a look what the booklet for  
Hex(9A95FF) contains.

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# **Color**

**Hex(9A95FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A95FF
RGB	154, 149, 255
RGB Percent	60%, 58%, 100%
CMY	0.3961, 0.4157, 0.0000
CMYK	0.40, 0.42, 0.00, 0.00
HSL	243°, 100%, 79%
HSV	243°, 42%, 100%
XYZ	42.1239, 35.5849, 99.2561
YIQ	162.5790, -31.0460, 34.0260

# Conversions

## Conversions Part 2

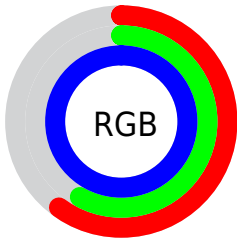
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 149, 255
Decimal	10130943
CIELab	66.20, 26.90, -52.20
CIELCh	66, 58.718, 297.261
Yxy	35.5849, 0.2380, 0.2011
Android (android.graphics.Color)	4288321023 (0xFF9A95FF)
YUV	162.5790, 45.5636, -7.5238
Hunter-Lab	59.6531, 21.6544, -56.8948

# Details

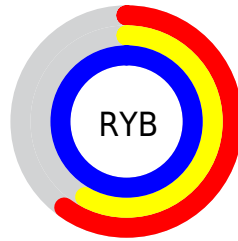
The Hex color **9A95FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FAFF95**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D4CBFF**, and **6162C6** is the 20% darker color. If you saturate the color by 10%, you get **827CFF**, and if you desaturate by 10%, it is **B2AFFF**.

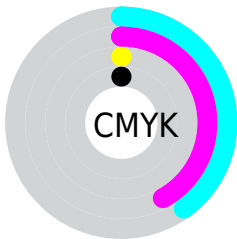
# Distribution



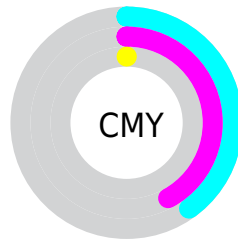
- Red (60%)
- Green (58%)
- Blue (100%)



- Red (60%)
- Yellow (58%)
- Blue (100%)



- Cyan (40%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A95FF 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 9A95FF by changing the saturation by 10% instead.



 9A95FF

 9A95FF

FFFFFF

 7E7BE2

 D4CBFF

 6162C6

 F1E7FF

 444BAA

 24348F

 001F75

 000B5C

 000043

 00032C

 000116

 9A95FF

 9A95FF

 827CFF

 B2AFFF

 6962FF

 CBC8FF

 5149FF

 E3E2FF

 392FFF

 FBFBF

 2116FF

FFFFFF

 0C00FF

# Harmonies

## Analogous

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



00A8FF



9A95FF



DD7FDB

# Triad

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



9A95FF



E98848



00BA9A

# Complementary

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



9A95FF



FAFF95

# 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.



46B665



9A95FF



C29D30

# Square

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



9A95FF



FF7674



8EAC3C



00BAD0

# Rectangle

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



9A95FF



F674BA



8EAC3C



00B988



# Sweetspot

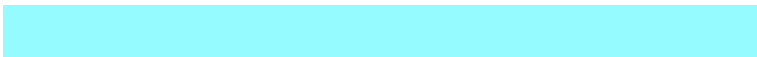
The Sweet Spot groups the original color and five complimentary colors.



9A95FF



E2E0FF



95FBFF



6E6E80



000000



808080



# Same Dimension

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



9A95FF



8680FF



CE95FF



737380



0900BF



030040



# Inverse Universe

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



FF95FA



FF80F9



C6FF95



80737F



BF00B6

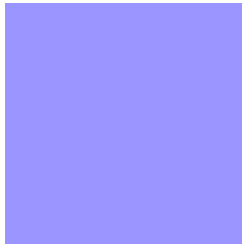


40003D



# Previews

## White Background



This preview shows how the Hex color 9A95FF looks on a white background.

## Color Contrast Check

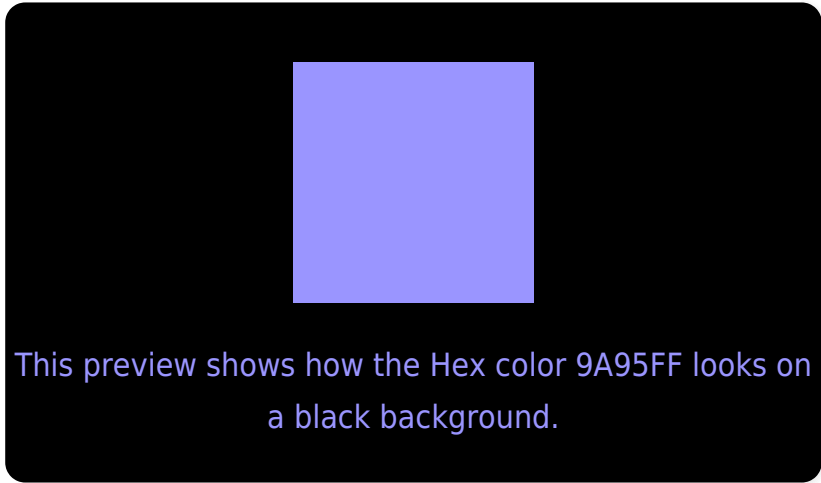
Large Text (above 18pt) WCAG AA × Fail

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

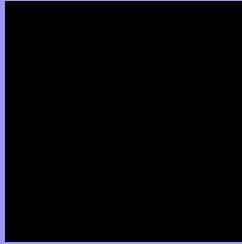
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9A95FF Background



This preview shows how black text looks on a background with the Hex color 9A95FF.



This preview shows how white text looks on a background with the Hex color 9A95FF.

# 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](#).

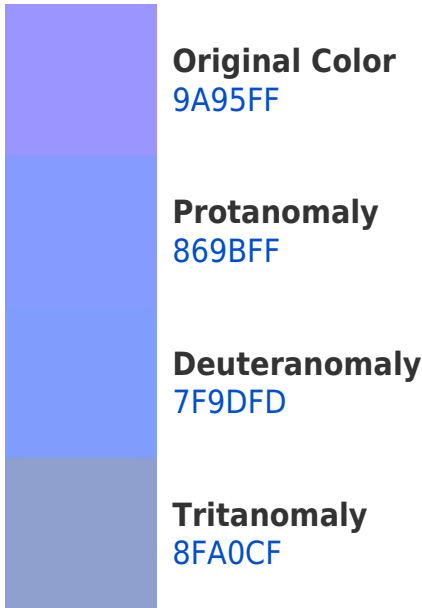
## Dichromacy



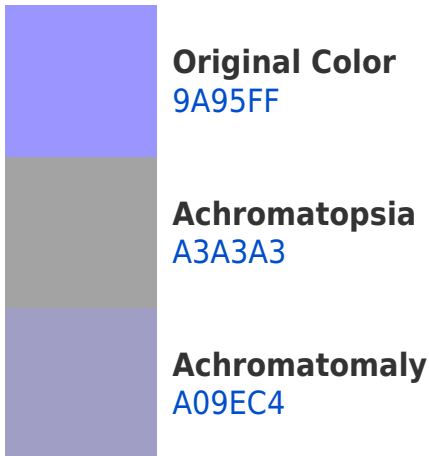


**Tritanopia**  
88A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A95FF 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 #9A95FF looks like.

```
.text, #text, p{  
    color:#9A95FF  
}
```

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 #9A95FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A95FF
}
```

## Border

The CSS property to change the border of an element to Hex 9A95FF 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
#9A95FF }
```

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

```
.border{ border-color:#9A95FF }
```

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

Here you see how a box with a 4 pixel #9A95FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A95FF; -webkit-box-shadow:4px 4px  
4px 4px #9A95FF; box-shadow:4px 4px 4px  
4px #9A95FF }
```

# Background

The CSS property to change the background color of an element to Hex 9A95FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A95FF }
```

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

```
.background{ background-color:#9A95FF }
```

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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