

# Converting Colors

Hex(9095FF)

Have a look what the booklet for  
Hex(9095FF) contains.

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# **Color**

**Hex(9095FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9095FF
RGB	144, 149, 255
RGB Percent	56%, 58%, 100%
CMY	0.4353, 0.4157, 0.0000
CMYK	0.44, 0.42, 0.00, 0.00
HSL	237°, 100%, 78%
HSV	237°, 44%, 100%
XYZ	40.2990, 34.6442, 99.1707
YIQ	159.5890, -37.0060, 31.9060

# Conversions

## Conversions Part 2

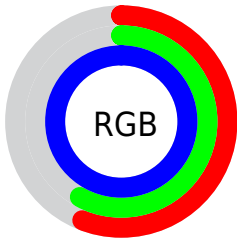
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 149, 255
Decimal	9475583
CIELab	65.47, 24.46, -53.40
CIElCh	65, 58.736, 294.609
Yxy	34.6442, 0.2315, 0.1990
Android (android.graphics.Color)	4287665663 (0xFF9095FF)
YUV	159.5890, 47.0376, -13.6716
Hunter-Lab	58.8593, 19.2093, -58.6949

# Details

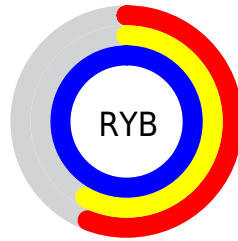
The Hex color **9095FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFFA90**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CACBFF**, and **5662C6** is the 20% darker color. If you saturate the color by 10%, you get **777DFF**, and if you desaturate by 10%, it is **AAADFF**.

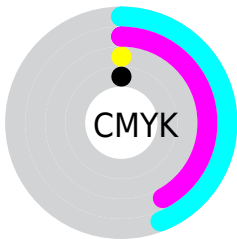
# Distribution



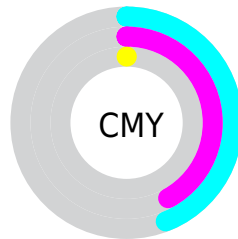
- Red (56%)
- Green (58%)
- Blue (100%)



- Red (56%)
- Yellow (58%)
- Blue (100%)



- Cyan (44%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9095FF 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 9095FF by changing the saturation by 10% instead.



 9095FF

 9095FF

FFFFFF

 737BE2

 CACBFF

 5662C6

 E7E7FF

 384BAA

 0E348F

 002075

 000C5B

 000343

 00032C

 000116

■ 9095FF

■ 9095FF

■ 777DFF

■ AAADFF

■ 5D64FF

■ C3C6FF

■ 434CFF

■ DDDEFF

■ 2A34FF

■ F6F6FF

■ 101BFF

FFFFFF

■ 000BFF

# Harmonies

## Analogous

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



00A8FF



9095FF



D67FDD

# Triad

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



9095FF



EA854A



00B893

# Complementary

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



9095FF



FFFA90

# 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.



4CB35F



9095FF



C3992E

# Square

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



9095FF



FE7376



91A938



00B8C9

# Rectangle

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



9095FF



F173BC



91A938



00B781



# Sweetspot

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



9095FF



DEDEFF



90FFF9



6B6C80



000000



808080



# Same Dimension

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



9095FF



7A80FF



C290FF



737380



0009BF



000340



# Inverse Universe

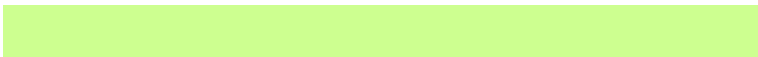
The Inverse Universe completely reimagines the original color for something new.



FF9095



FF7A80



CDFE90



807373



BF0009

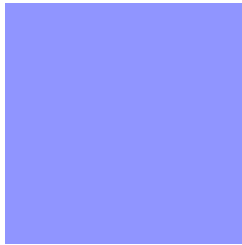


400003



# Previews

## White Background



This preview shows how the Hex color 9095FF looks on a white background.

## Color Contrast Check

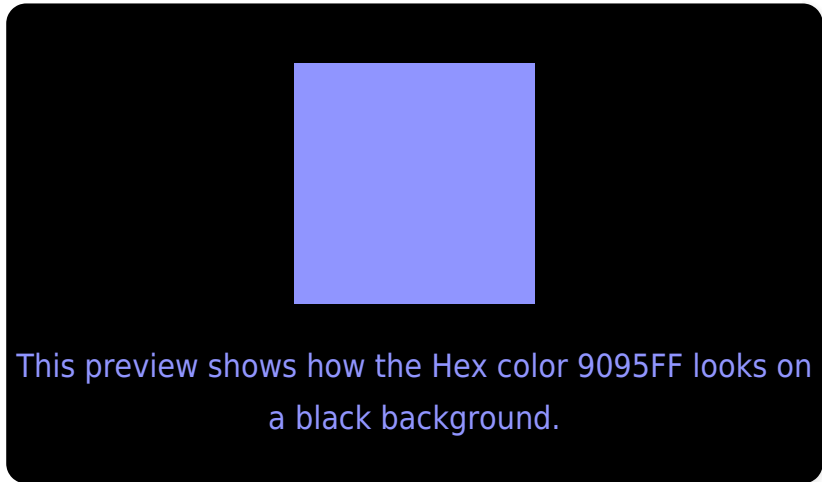
Large Text (above 18pt) WCAG AA × Fail

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 9095FF Background



This preview shows how black text looks on a background with the Hex color 9095FF.



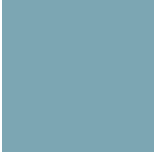
This preview shows how white text looks on a background with the Hex color 9095FF.

# 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](#).

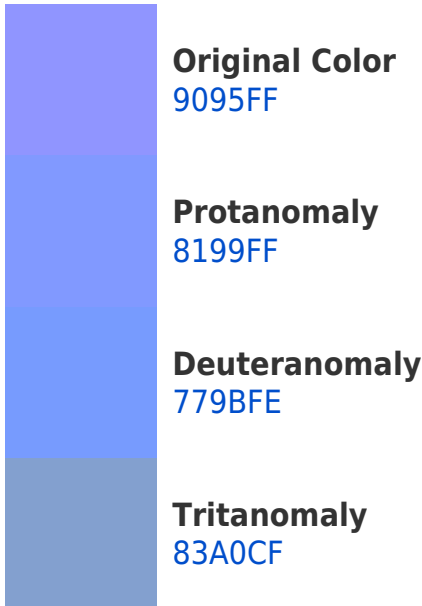
## Dichromacy



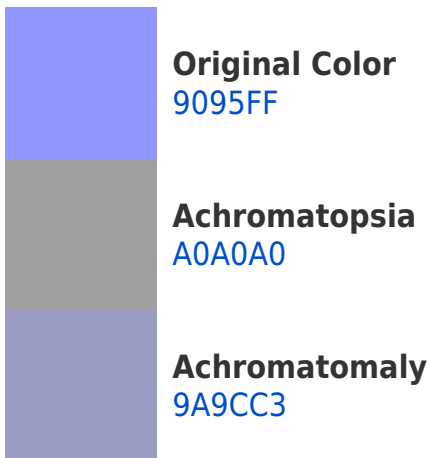


**Tritanopia**  
7CA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9095FF 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 #9095FF looks like.

```
.text, #text, p{  
    color:#9095FF  
}
```

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 #9095FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9095FF
}
```

## Border

The CSS property to change the border of an element to Hex 9095FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

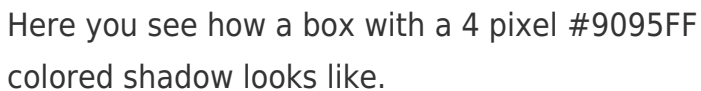
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9095FF }
```

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

```
.border{ border-color:#9095FF }
```

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



Here you see how a box with a 4 pixel #9095FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9095FF; -webkit-box-shadow:4px 4px  
4px 4px #9095FF; box-shadow:4px 4px 4px  
4px #9095FF }
```

# Background

The CSS property to change the background color of an element to Hex 9095FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9095FF }
```

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

```
.background{ background-color:#9095FF }
```

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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