

# Converting Colors

Hex(9993FF)

Have a look what the booklet for  
Hex(9993FF) contains.

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# **Color**

**Hex(9993FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9993FF
RGB	153, 147, 255
RGB Percent	60%, 58%, 100%
CMY	0.4000, 0.4235, 0.0000
CMYK	0.40, 0.42, 0.00, 0.00
HSL	243°, 100%, 79%
HSV	243°, 42%, 100%
XYZ	41.6206, 34.8597, 99.1427
YIQ	161.1060, -31.0920, 34.8600

# Conversions

## Conversions Part 2

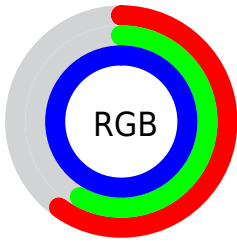
Format	Color
R <sub>Y</sub> B	153, 147, 255
Decimal	10064895
CIE Lab	65.64, 27.79, -53.09
CIE LCh	66, 59.927, 297.633
Yxy	34.8597, 0.2370, 0.1985
Android (android.graphics.Color)	4288254975 (0xFF9993FF)
YUV	161.1060, 46.2897, -7.1090
Hunter-Lab	59.0421, 22.5063, -58.2294

# Details

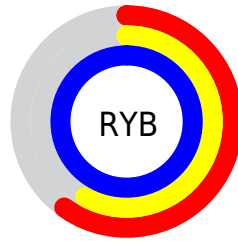
The Hex color **9993FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F9FF93**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D3C9FF**, and **6060C6** is the 20% darker color. If you saturate the color by 10%, you get **817AFF**, and if you desaturate by 10%, it is **B1ACFF**.

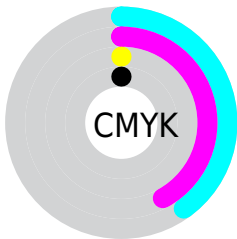
# Distribution



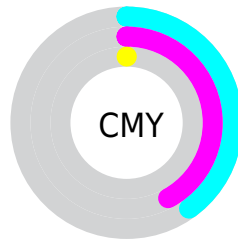
- Red (60%)
- Green (58%)
- Blue (100%)



- 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 9993FF 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 9993FF by changing the saturation by 10% instead.



■ 9993FF

■ 9993FF

FFFFFF

■ 7D79E2

■ D3C9FF

■ 6060C6

■ F0E5FF

■ 4349AA

■ 22328F

■ 001D75

■ 00095B

■ 000043

■ 00032C

■ 000116

 9993FF

 9993FF

 817AFF

 B1ACFF

 6960FF

 C9C6FF

 5146FF

 E1E0FF

 392DFF

 F9F9FF

 2113FF

FFFFFF

 0E00FF

# Harmonies

## Analogous

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



00A7FF



9993FF



DD7CDA

# Triad

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



9993FF



E88744



00B999

# Complementary

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



9993FF



F9FF93

# 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.



40B563



9993FF



C09B2B

# Square

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



9993FF



FF7371



8BAB39



00B9D0

# Rectangle

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



9993FF



F671B8



8BAB39



00B887



# Sweetspot

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



9993FF



E0DEFF



93FAFF



6C6B80



000000



808080



# Same Dimension

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



9993FF



847DFF



CE93FF



737380



0B00BF



040040



# Inverse Universe

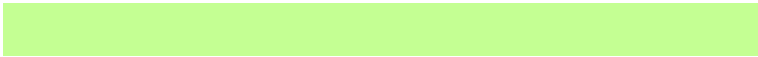
The Inverse Universe completely reimagines the original color for something new.



FF93F9



FF7DF8



C4FF93



80737F



BF00B5

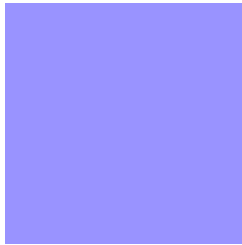


40003C



# Previews

## White Background



This preview shows how the Hex color 9993FF 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 9993FF Background



This preview shows how black text looks on a background with the Hex color 9993FF.



This preview shows how white text looks on a background with the Hex color 9993FF.

# 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](#).

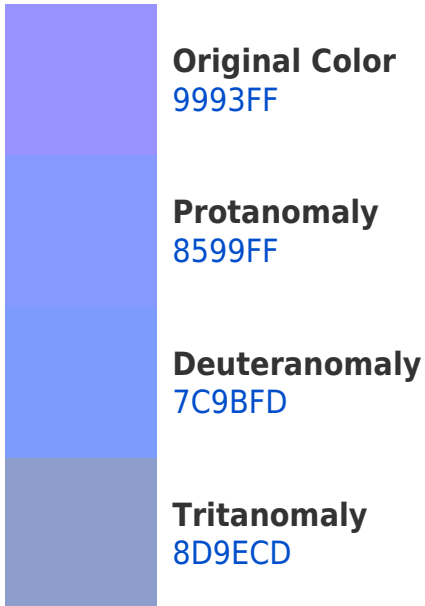
## Dichromacy



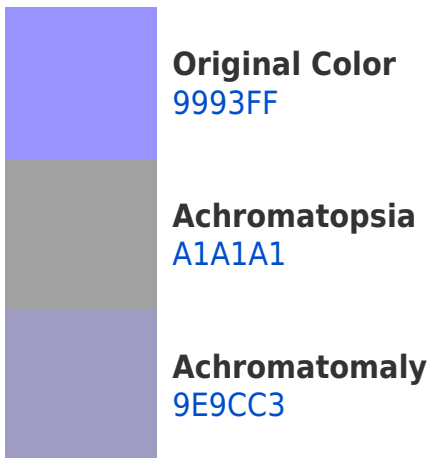


**Tritanopia**  
86A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9993FF 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 #9993FF looks like.

```
.text, #text, p{  
    color:#9993FF  
}
```

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 #9993FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9993FF
}
```

## Border

The CSS property to change the border of an element to Hex 9993FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

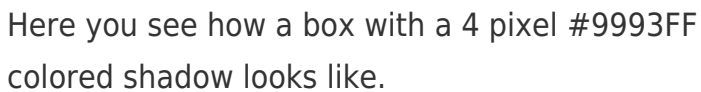
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9993FF }
```

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

```
.border{ border-color:#9993FF }
```

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



Here you see how a box with a 4 pixel #9993FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9993FF; -webkit-box-shadow:4px 4px  
4px 4px #9993FF; box-shadow:4px 4px 4px  
4px #9993FF }
```

# Background

The CSS property to change the background color of an element to Hex 9993FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9993FF }
```

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

```
.background{ background-color:#9993FF }
```

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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