

# Converting Colors

Hex(9691FF)

Have a look what the booklet for  
Hex(9691FF) contains.

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# **Color**

**Hex(9691FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9691FF
RGB	150, 145, 255
RGB Percent	59%, 57%, 100%
CMY	0.4118, 0.4314, 0.0000
CMYK	0.41, 0.43, 0.00, 0.00
HSL	243°, 100%, 78%
HSV	243°, 43%, 100%
XYZ	40.7531, 33.9548, 99.0138
YIQ	159.0350, -32.3300, 35.2700

# Conversions

## Conversions Part 2

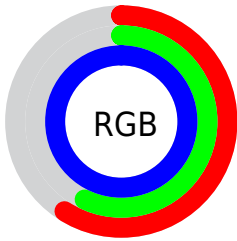
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 145, 255
Decimal	9867775
CIE <sub>Lab</sub>	64.93, 28.21, -54.24
CIE <sub>LCh</sub>	65, 61.134, 297.480
Yxy	33.9548, 0.2346, 0.1955
Android (android.graphics.Color)	4288057855 (0xFF9691FF)
YUV	159.0350, 47.3107, -7.9237
Hunter-Lab	58.2708, 22.8644, -59.9561

# Details

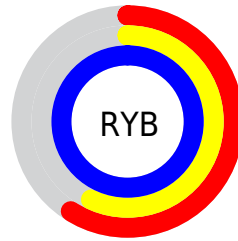
The Hex color **9691FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FAFF91**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D0C7FF**, and **5D5FC6** is the 20% darker color. If you saturate the color by 10%, you get **7E78FF**, and if you desaturate by 10%, it is **AEABFF**.

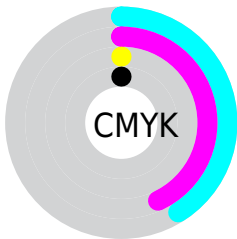
# Distribution



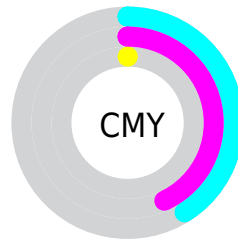
- Red (59%)
- Green (57%)
- Blue (100%)



- Red (59%)
- Yellow (57%)
- Blue (100%)



- Cyan (41%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (43%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9691FF 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 9691FF by changing the saturation by 10% instead.



 9691FF

 9691FF

FFFFFF

 7977E2

 D0C7FF

 5D5FC6

 EDE3FF

 3F47AA

 1C318F

 001C75

 00075B

 000243

 00032C

 000116

 9691FF

 9691FF

 7E78FF

 AEABFF

 655EFF

 C7C4FF

 4D44FF

 DFDEFF

 352BFF

 F7F7FF

 1C11FF

FFFFFF

 0C00FF

# Harmonies

## Analogous

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



00A5FF



9691FF



DB7AD9

# Triad

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



9691FF



E78441



00B797

# Complementary

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



9691FF



FAFF91

# 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.



3BB360



9691FF



BE9925

# Square

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



9691FF



FF706E



88A934



00B7CE

# Rectangle

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



9691FF



F56EB7



88A934



00B684



# Sweetspot

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



9691FF



DFDEFF



91FBFF



6C6B80



000000



808080



# Same Dimension

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



9691FF



807AFF



CC91FF



737380



0900BF



030040



# Inverse Universe

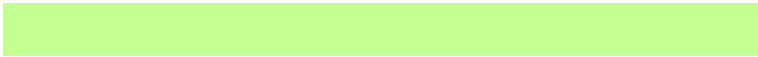
The Inverse Universe completely reimagines the original color for something new.



FF91FA



FF7AF9



C4FF91



80737F



BF00B7

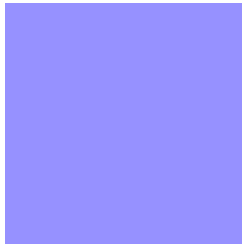


40003D



# Previews

## White Background



This preview shows how the Hex color 9691FF looks on a white background.

## Color Contrast Check

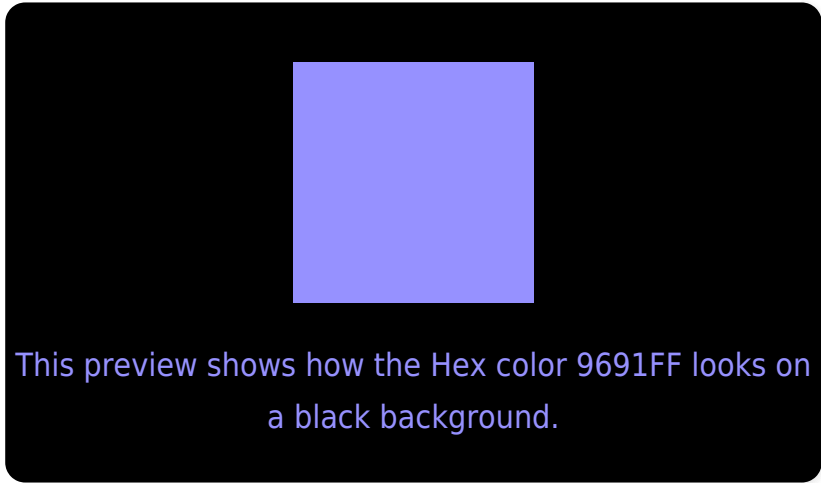
Large Text (above 18pt) WCAG AA × Fail

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

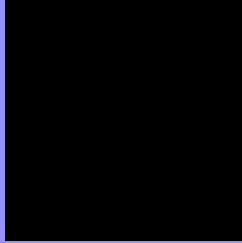
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9691FF Background



This preview shows how black text looks on a background with the Hex color 9691FF.

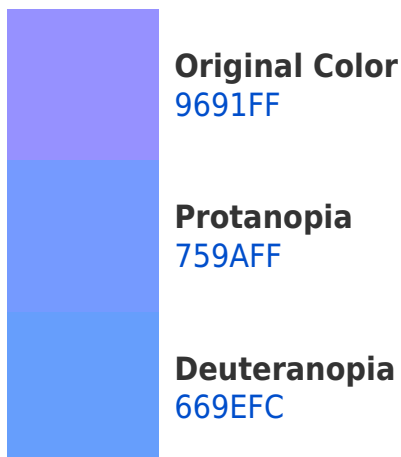


This preview shows how white text looks on a background with the Hex color 9691FF.

# 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](#).

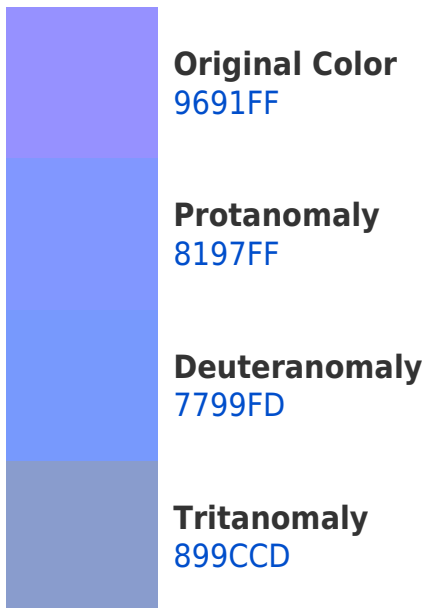
## Dichromacy



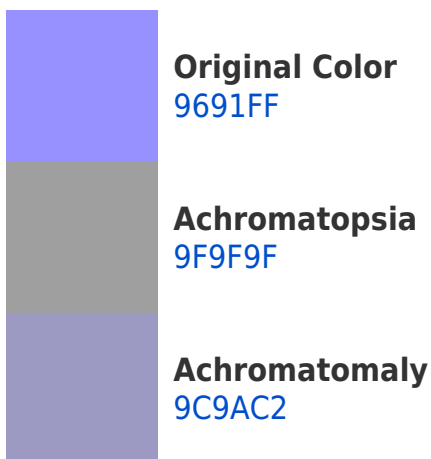


**Tritanopia**  
82A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9691FF 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 #9691FF looks like.

```
.text, #text, p{  
    color:#9691FF  
}
```

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 #9691FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9691FF
}
```

## Border

The CSS property to change the border of an element to Hex 9691FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

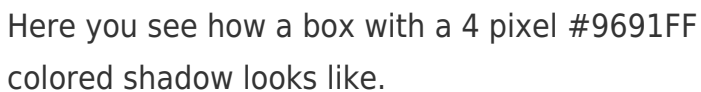
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9691FF }
```

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

```
.border{ border-color:#9691FF }
```

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



Here you see how a box with a 4 pixel #9691FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9691FF; -webkit-box-shadow:4px 4px  
4px 4px #9691FF; box-shadow:4px 4px 4px  
4px #9691FF }
```

# Background

The CSS property to change the background color of an element to Hex 9691FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9691FF }
```

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

```
.background{ background-color:#9691FF }
```

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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