

# Converting Colors

Hex(9654FF)

Have a look what the booklet for  
Hex(9654FF) contains.

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# Color

Hex(9654FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	9654FF
RGB	150, 84, 255
RGB Percent	59%, 33%, 100%
CMY	0.4118, 0.6706, 0.0000
CMYK	0.41, 0.67, 0.00, 0.00
HSL	263°, 100%, 66%
HSV	263°, 67%, 100%
XYZ	33.7980, 20.0447, 96.6954
YIQ	123.2280, -15.5550, 67.1730

# Conversions

## Conversions Part 2

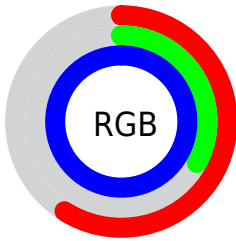
Format	Color
R <sub>Y</sub> B	150, 84, 255
Decimal	9852159
CIE Lab	51.89, 61.61, -75.19
CIE LCh	52, 97.211, 309.331
Yxy	20.0447, 0.2245, 0.1332
Android (android.graphics.Color)	4288042239 (0xFF9654FF)
YUV	123.2280, 64.9636, 23.4790
Hunter-Lab	44.7713, 56.4005, -96.7125

# Details

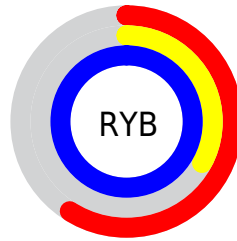
The Hex color **9654FF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **BDFF54**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D28AFF**, and **591DC5** is the 20% darker color. If you saturate the color by 10%, you get **863AFF**, and if you desaturate by 10%, it is **A66DFF**.

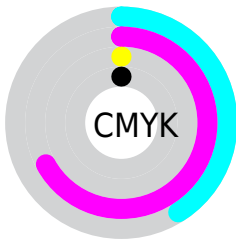
# Distribution



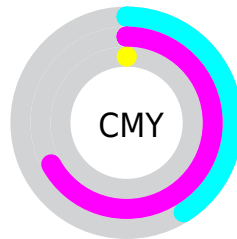
- Red (59%)
- Green (33%)
- Blue (100%)



- Red (59%)
- Yellow (33%)
- Blue (100%)



- Cyan (41%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (67%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9654FF 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 9654FF by changing the saturation by 10% instead.



9654FF

9654FF

FFFFFF

7839E2

D28AFF

591DC5

F1A5FF

3700A9

FFC1FF

00008E

FFDEFF

000073

FFFBFF

00005A

000741

00032A

000114

9654FF

9654FF

863AFF

A66DFF

7721FF

B587FF

6708FF

C5A1FF

6200FF

D5BAFF

E4D3FF

F4EDFF

FFFFFF

# Harmonies

## Analogous

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



0080FF



9654FF



ED00B8

# Triad

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



9654FF



C46100



009C95

# Complementary

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



9654FF



BDF554

# 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.



00993B



9654FF



808100

# Square

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



9654FF



F41A0F



009200



009CE5

# Rectangle

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



9654FF



FF0082



009200



009B78



# Sweetspot

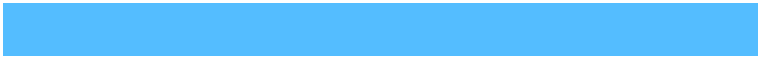
The Sweet Spot groups the original color and five complimentary colors.



9654FF



E0CCFF



54BDFF



6D6180



000000



808080



# Same Dimension

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



9654FF



8233FF



EB54FF



787380



4A00BF



190040



# Inverse Universe

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



FF54BD



FF33B0



68FF54



80737B



BF0075

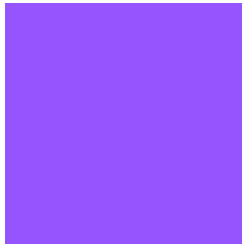


400027



# Previews

## White Background



This preview shows how the Hex color 9654FF looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

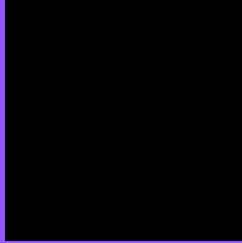
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9654FF Background



This preview shows how black text looks on a background with the Hex color 9654FF.

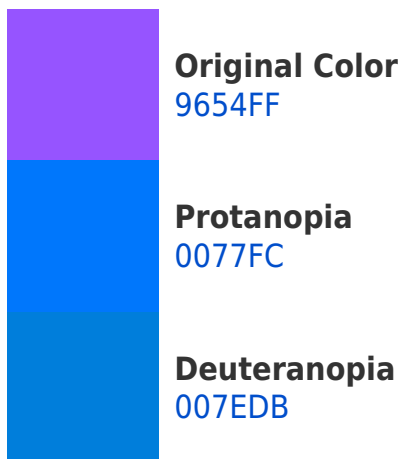


This preview shows how white text looks on a background with the Hex color 9654FF.

# 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**  
7A7B84

# Trichromacy



**Original Color**  
9654FF



**Protanomaly**  
376AFD



**Deuteranomaly**  
376FE8



**Tritanomaly**  
846DB1

# Monochromacy



**Original Color**  
9654FF



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
856DAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9654FF 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 #9654FF looks like.

```
.text, #text, p{  
    color:#9654FF  
}
```

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 #9654FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9654FF
}
```

## Border

The CSS property to change the border of an element to Hex 9654FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

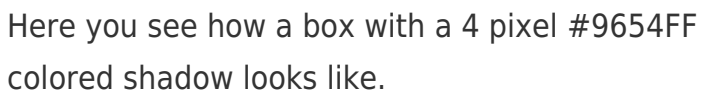
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9654FF }
```

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

```
.border{ border-color:#9654FF }
```

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



Here you see how a box with a 4 pixel #9654FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9654FF; -webkit-box-shadow:4px 4px  
4px 4px #9654FF; box-shadow:4px 4px 4px  
4px #9654FF }
```

# Background

The CSS property to change the background color of an element to Hex 9654FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9654FF }
```

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

```
.background{ background-color:#9654FF }
```

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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