

# Converting Colors

Hex(9975FF)

Have a look what the booklet for  
Hex(9975FF) contains.

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**Color**

**Hex(9975FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9975FF
RGB	153, 117, 255
RGB Percent	60%, 46%, 100%
CMY	0.4000, 0.5412, 0.0000
CMYK	0.40, 0.54, 0.00, 0.00
HSL	256°, 100%, 73%
HSV	256°, 54%, 100%
XYZ	37.5482, 26.7149, 97.7852
YIQ	143.4960, -22.8420, 50.5500

# Conversions

## Conversions Part 2

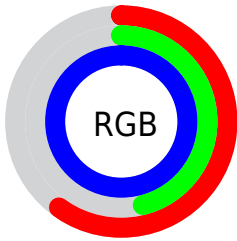
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 117, 255
Decimal	10057215
CIE <sub>Lab</sub>	58.71, 44.85, -64.15
CIE <sub>LCh</sub>	59, 78.276, 304.961
Y <sub>xy</sub>	26.7149, 0.2317, 0.1649
Android (android.graphics.Color)	4288247295 (0xFF9975FF)
Y <sub>UV</sub>	143.4960, 54.9715, 8.3350
Hunter-Lab	51.6864, 39.2219, -75.9898

# Details

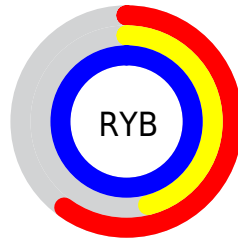
The Hex color **9975FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **DBFF75**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D4AAFF**, and **5F43C5** is the 20% darker color. If you saturate the color by 10%, you get **865BFF**, and if you desaturate by 10%, it is **AC8FFF**.

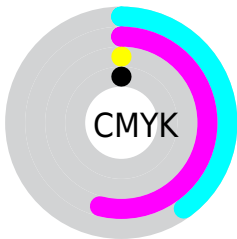
# Distribution



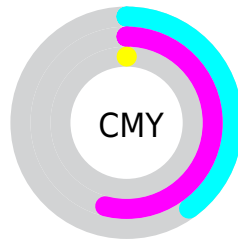
- Red (60%)
- Green (46%)
- Blue (100%)



- Red (60%)
- Yellow (46%)
- Blue (100%)



- Cyan (40%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (54%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9975FF 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 9975FF by changing the saturation by 10% instead.



 9975FF

 9975FF

FFFFFF

 7C5CE2

 D4AAFF

 5F43C5

 F2C6FF

 402BA9

 FFE2FF

 1B148E

 000074

 00005B

 000742

 00032B

 000115

9975FF

9975FF

865BFF

AC8FFF

7342FF

BFA8FF

6028FF

D2C2FF

4E0FFF

E4DBFF

4300FF

F7F4FF

FFFFFF

# Harmonies

## Analogous

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



0092FF



9975FF



E74FC9

# Triad

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



9975FF



D77300



00AB97

# Complementary

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



9975FF



DBFF75

# 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.



00A84F



9975FF



A08E00

# Square

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



9975FF



FB5042



579F00



00AADB

# Rectangle

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



9975FF



FF3B9C



579F00



00AA7F



# Sweetspot

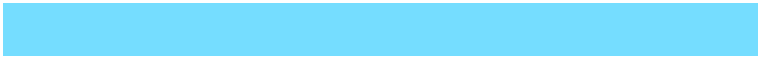
The Sweet Spot groups the original color and five complimentary colors.



9975FF



E1D6FF



75DDFF



6E6780



000000



808080



# Same Dimension

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



9975FF



8459FF



DD75FF



767380



3200BF



110040



# Inverse Universe

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



FF75DB



FF59D4



97FF75



80737C



BF008D

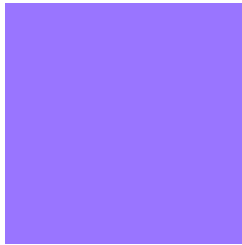


40002F



# Previews

## White Background



This preview shows how the Hex color 9975FF looks on a white background.

## Color Contrast Check

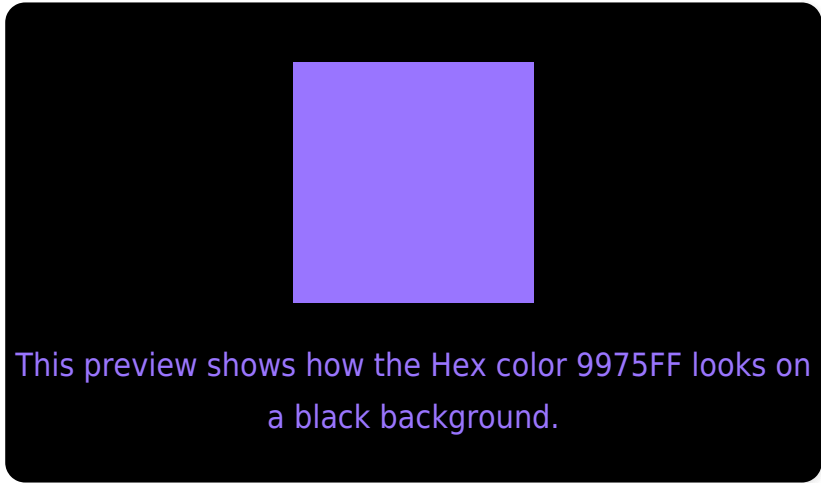
Large Text (above 18pt) WCAG AA ✓ Pass

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

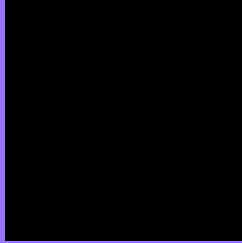
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9975FF Background



This preview shows how black text looks on a background with the Hex color 9975FF.

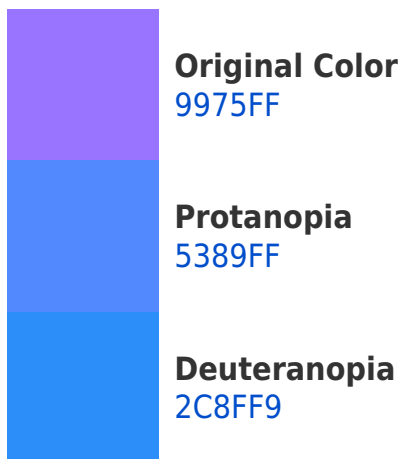


This preview shows how white text looks on a background with the Hex color 9975FF.

# 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](#).

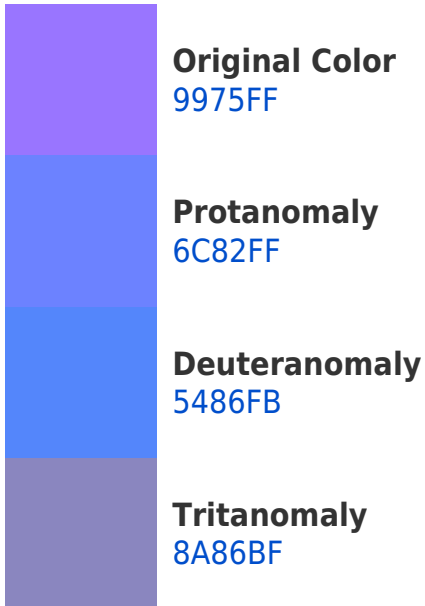
## Dichromacy





**Tritanopia**  
828F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9975FF 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 #9975FF looks like.

```
.text, #text, p{  
    color:#9975FF  
}
```

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 #9975FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9975FF
}
```

## Border

The CSS property to change the border of an element to Hex 9975FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

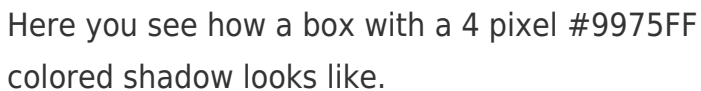
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9975FF }
```

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

```
.border{ border-color:#9975FF }
```

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



Here you see how a box with a 4 pixel #9975FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9975FF; -webkit-box-shadow:4px 4px  
4px 4px #9975FF; box-shadow:4px 4px 4px  
4px #9975FF }
```

# Background

The CSS property to change the background color of an element to Hex 9975FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9975FF }
```

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

```
.background{ background-color:#9975FF }
```

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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