

# Converting Colors

Hex(985FFF)

Have a look what the booklet for  
Hex(985FFF) contains.

<b>Hex(985FFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(985FFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	985FFF
RGB	152, 95, 255
RGB Percent	60%, 37%, 100%
CMY	0.4039, 0.6275, 0.0000
CMYK	0.40, 0.63, 0.00, 0.00
HSL	261°, 100%, 69%
HSV	261°, 63%, 100%
XYZ	35.0911, 22.0798, 97.0201
YIQ	130.2830, -17.3880, 61.8440

# Conversions

## Conversions Part 2

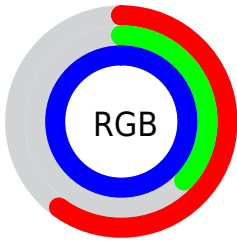
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 95, 255
Decimal	9986047
CIE <sub>Lab</sub>	54.11, 56.49, -71.57
CIE <sub>LCh</sub>	54, 91.179, 308.282
Yxy	22.0798, 0.2276, 0.1432
Android (android.graphics.Color)	4288176127 (0xFF985FFF)
YUV	130.2830, 61.4855, 19.0458
Hunter-Lab	46.9892, 51.0712, -89.5256

# Details

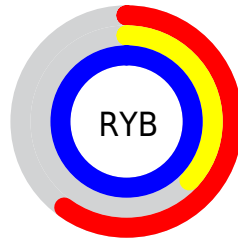
The Hex color **985FFF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **C6FF5F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D494FF**, and **5C2BC5** is the 20% darker color. If you saturate the color by 10%, you get **8845FF**, and if you desaturate by 10%, it is **A879FF**.

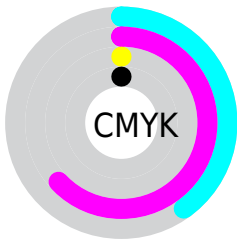
# Distribution



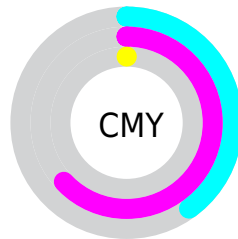
- Red (60%)
- Green (37%)
- Blue (100%)



- Red (60%)
- Yellow (37%)
- Blue (100%)



- Cyan (40%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (63%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 985FFF 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 985FFF by changing the saturation by 10% instead.



 985FFF

 985FFF

FFFFFF

 7A45E2

 D494FF

 5C2BC5

 F2B0FF

 3C0EA9

 FFCCFF

 0F008E

 FFE8FF

 000073

 00005A

 000741

 00032A

 000114

 985FFF

 985FFF

 8845FF

 A879FF

 772CFF

 B992FF

 6712FF

 C9ACFF

 5B00FF

 DAC5FF

 EADFFF

 FAF8FF

FFFFFF

# Harmonies

## Analogous

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



0085FF



985FFF



EC17BD

# Triad

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



985FFF



CA6700



00A196

# Complementary

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



985FFF



C6FF5F

# 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.



009E42



985FFF



8A8500

# Square

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



985FFF



F73121



249600



00A1E2

# Rectangle

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



985FFF



FF008A



249600



00A17A



# Sweetspot

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



985FFF



E0CFFF



5FC7FF



6D6280



000000



808080



# Same Dimension

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



985FFF



8440FF



E75FFF



777380



4400BF



170040



# Inverse Universe

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



FF5FC6



FF40BB



77FF5F



80737B



BF007B

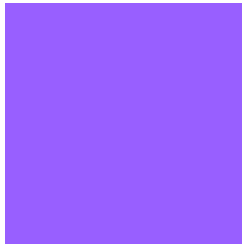


400029



# Previews

## White Background



This preview shows how the Hex color 985FFF 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

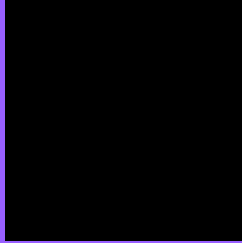
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 985FFF Background



This preview shows how black text looks on a background with the Hex color 985FFF.

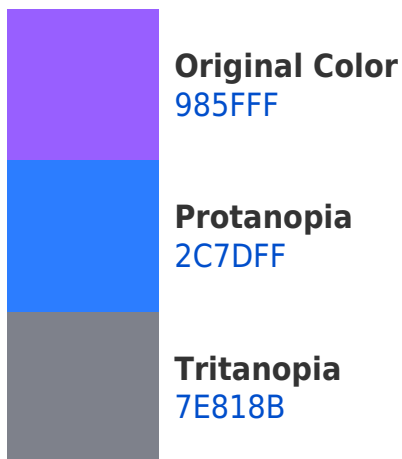


This preview shows how white text looks on a background with the Hex color 985FFF.

# 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



# Trichromacy



**Original Color**

985FFF



**Protanomaly**

5372FF



**Tritanomaly**

8775B5

# Monochromacy



**Original Color**

985FFF



**Achromatopsia**

828282



**Achromatomaly**

8A75AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 985FFF 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 #985FFF looks like.

```
.text, #text, p{  
    color:#985FFF  
}
```

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 #985FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #985FFF
}
```

## Border

The CSS property to change the border of an element to Hex 985FFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

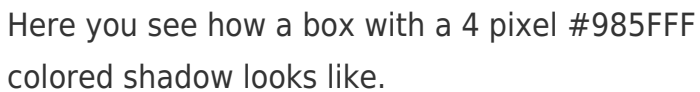
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#985FFF }
```

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

```
.border{ border-color:#985FFF }
```

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



Here you see how a box with a 4 pixel #985FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #985FFF; -webkit-box-shadow:4px 4px  
4px 4px #985FFF; box-shadow:4px 4px 4px  
4px #985FFF }
```

# Background

The CSS property to change the background color of an element to Hex 985FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#985FFF }
```

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

```
.background{ background-color:#985FFF }
```

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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