

# Converting Colors

Hex(985EE9)

Have a look what the booklet for  
Hex(985EE9) contains.

<b>Hex(985EE9)</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> .....	29

**Color**

**Hex(985EE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	985EE9
RGB	152, 94, 233
RGB Percent	60%, 37%, 91%
CMY	0.4039, 0.6314, 0.0863
CMYK	0.35, 0.60, 0.00, 0.09
HSL	265°, 76%, 64%
HSV	265°, 60%, 91%
XYZ	31.6596, 20.5640, 79.3914
YIQ	127.1880, -10.0510, 55.5250

# Conversions

## Conversions Part 2

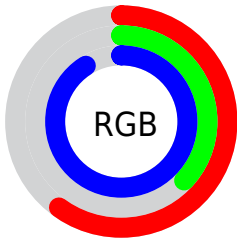
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 94, 233
Decimal	9985769
CIE <sub>Lab</sub>	52.47, 51.47, -61.96
CIE <sub>LCh</sub>	52, 80.553, 309.717
Y <sub>xy</sub>	20.5640, 0.2405, 0.1562
Android (android.graphics.Color)	4288175849 (0xFF985EE9)
Y <sub>UV</sub>	127.1880, 52.1653, 21.7601
Hunter-Lab	45.3475, 45.2623, -72.0576

# Details

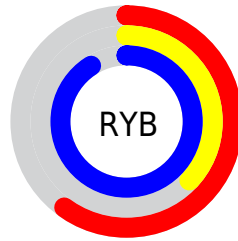
The Hex color **985EE9** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **AFE95E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D293FF**, and **5F2BB0** is the 20% darker color. If you saturate the color by 10%, you get **8A47E9**, and if you desaturate by 10%, it is **A675E9**.

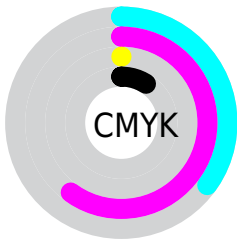
# Distribution



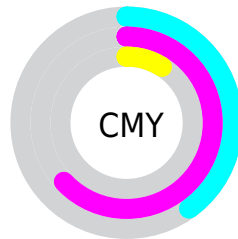
- Red (60%)
- Green (37%)
- Blue (91%)



- Red (60%)
- Yellow (37%)
- Blue (91%)



- Cyan (35%)
- Magenta (60%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (63%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 985EE9 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 985EE9 by changing the saturation by 10% instead.



985EE9

985EE9

FFFFFF

7B44CC

D293FF

5F2BB0

F0AEFF

410F95

FFCAFF

20007A

FFE7FF

000061

000048

000430

00011B

000000

985EE9

985EE9

8A47E9

A675E9

7D2FE9

B38DE9

6F18E9

C1A4E9

6201E9

CEBBE9

6100E9

DCD3E9

E9EAE9

F7FFE9

FFFFE9

# Harmonies

## Analogous

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



007FFF



985EE9



DE2FAF

# Triad

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



985EE9



BD6800



009A93

# Complementary

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



985EE9



AFE95E

# 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.



00984A



985EE9



848200

# Square

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



985EE9



E54026



2F9000



0099D5

# Rectangle

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



985EE9



F10E81



2F9000



009A7B



# Sweetspot

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



985EE9



E4D1FF



5EAFE9



6F6380



000000



808080



# Same Dimension

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



985EE9



9447FF



DD5EE9



6E6A75



4C00B5



160036



# Inverse Universe

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



E95EAF



FF47B2



6AE95E



756A70



B5006A

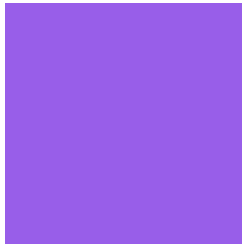


36001F



# Previews

## White Background



This preview shows how the Hex color 985EE9 looks on a white background.

## Color Contrast Check

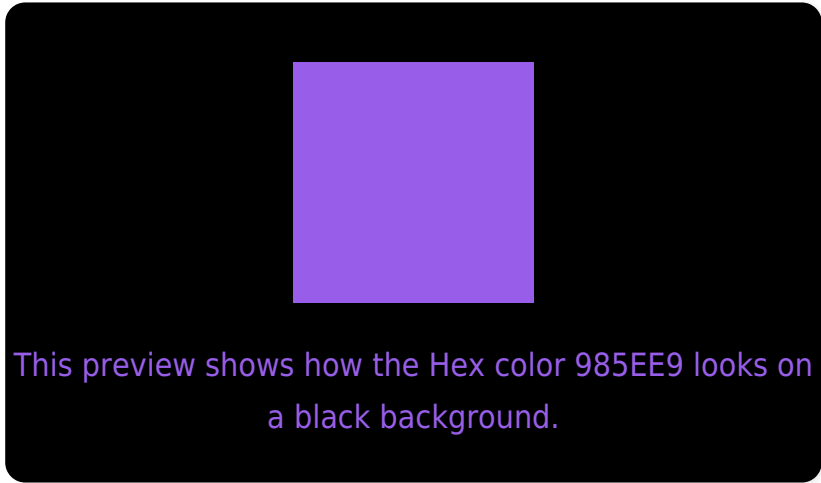
Large Text (above 18pt) WCAG AA ✓ Pass

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

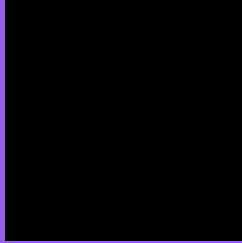
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 985EE9 Background



This preview shows how black text looks on a background with the Hex color 985EE9.



This preview shows how white text looks on a background with the Hex color 985EE9.

# 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](#).

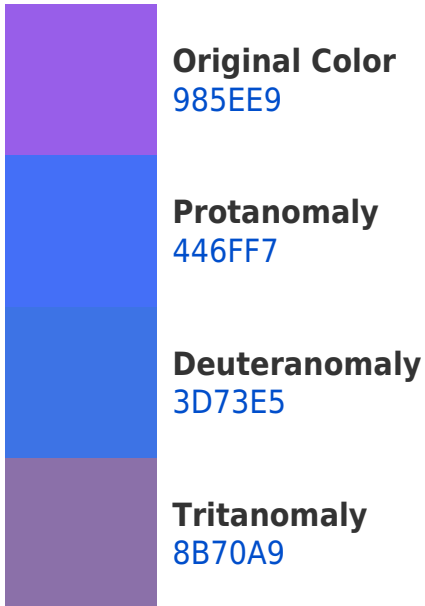
## Dichromacy



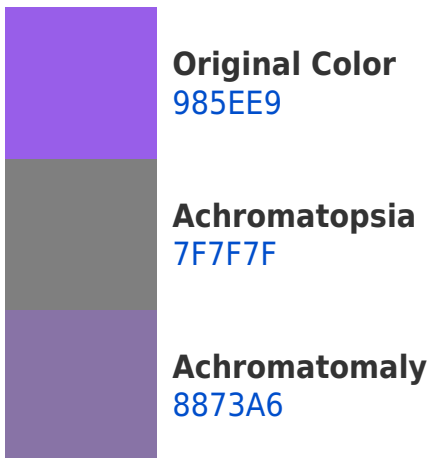


**Tritanopia**  
837A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 985EE9 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 #985EE9 looks like.

```
.text, #text, p{  
    color:#985EE9  
}
```

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 #985EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #985EE9
}
```

## Border

The CSS property to change the border of an element to Hex 985EE9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

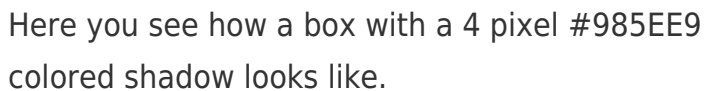
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#985EE9 }
```

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

```
.border{ border-color:#985EE9 }
```

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



Here you see how a box with a 4 pixel #985EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #985EE9; -webkit-box-shadow:4px 4px  
4px 4px #985EE9; box-shadow:4px 4px 4px  
4px #985EE9 }
```

# Background

The CSS property to change the background color of an element to Hex 985EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#985EE9 }
```

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

```
.background{ background-color:#985EE9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor