

# Converting Colors

Hex(985ECE)

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

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**Color**

**Hex(985ECE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	985ECE
RGB	152, 94, 206
RGB Percent	60%, 37%, 81%
CMY	0.4039, 0.6314, 0.1922
CMYK	0.26, 0.54, 0.00, 0.19
HSL	271°, 53%, 59%
HSV	271°, 54%, 81%
XYZ	28.0922, 19.1370, 60.6057
YIQ	124.1100, -1.3840, 47.1280

# Conversions

## Conversions Part 2

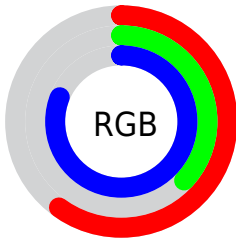
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 94, 206
Decimal	9985742
CIE <sub>Lab</sub>	50.85, 44.92, -49.26
CIE <sub>LCh</sub>	51, 66.672, 312.361
Yxy	19.1370, 0.2605, 0.1775
Android (android.graphics.Color)	4288175822 (0xFF985ECE)
YUV	124.1100, 40.3718, 24.4595
Hunter-Lab	43.7459, 38.0715, -51.5184

# Details

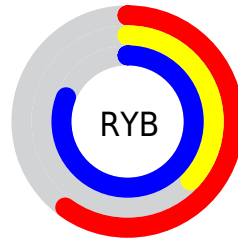
The Hex color **985ECE** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **94CE5E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D192FF**, and **612C97** is the 20% darker color. If you saturate the color by 10%, you get **8E49CE**, and if you desaturate by 10%, it is **A273CE**.

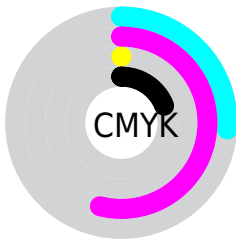
# Distribution



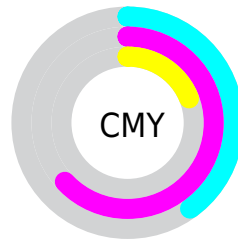
- Red (60%)
- Green (37%)
- Blue (81%)



- Red (60%)
- Yellow (37%)
- Blue (81%)



- Cyan (26%)
- Magenta (54%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (63%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 985ECE

 985ECE

FFFFFF

 7C45B2

 D192FF

 612C97

 EEADFF

 46127D

 FFC9FF

 2B0063

 FFE6FF

 12004B

 000033

 00021D

 000000

 985ECE

 985ECE

 8E49CE

 A273CE

 8435CE

 AC87CE

 7A20CE

 B69CCE

 700CCE

 C0B0CE

 6B00CE

 CAC5CE

 D4DACE

 DEEECE

 E7FFCE

 F1FFCE

# Harmonies

## Analogous

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



0078E9



985ECE



CD419D

# Triad

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



985ECE



AD6A00



009290

# Complementary

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



985ECE



94CE5E

# 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.



009054



985ECE



7D7E00

# Square

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



985ECE



D04F2E



398A17



0091C5

# Rectangle

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



985ECE



DB3777



398A17



00927C



# Sweetspot

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



985ECE



EBD6FF



5E94CE



746780



000000



808080



# Same Dimension

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



985ECE



AF59FF



CE5ECC



615C66



5600A6



140026



# Inverse Universe

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



CE5E94



FF59A9



5ECE60



665C61



A60050

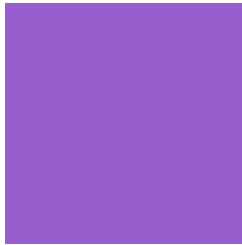


260012



# Previews

## White Background



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

## Color Contrast Check

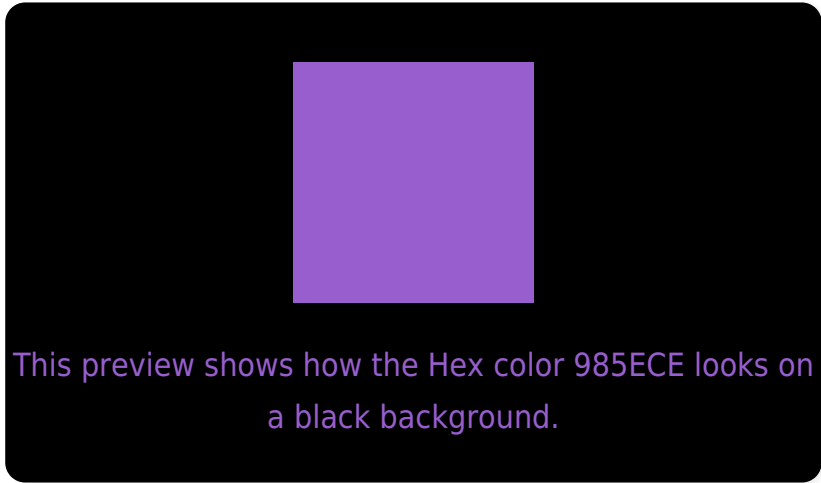
Large Text (above 18pt) WCAG AA ✓ Pass

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

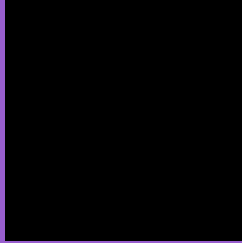
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 985ECE Background



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

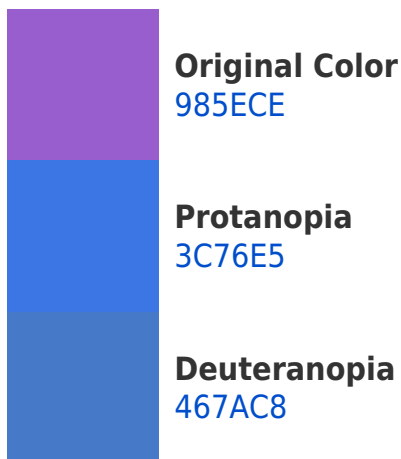



This preview shows how white text looks on a background with the Hex color 985ECE.

# 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**  
8A737C

# Trichromacy



**Original Color**  
985ECE

**Protanomaly**  
5D6DDD

**Deuteranomaly**  
6470CA

**Tritanomaly**  
8F6B9A

# Monochromacy



**Original Color**  
985ECE

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
86719A

# CSS Examples

## Text

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

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

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 #985ECE colored shadow looks like.

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

## Border

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

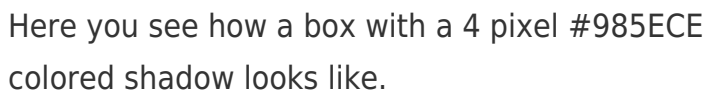
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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