

Converting Colors

Hex(9855EE)

Have a look what the booklet for
Hex(9855EE) contains.

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Color

Hex(9855EE)

Conversions

Conversions Part 1

Format	Color
Hex	9855EE
RGB	152, 85, 238
RGB Percent	60%, 33%, 93%
CMY	0.4039, 0.6667, 0.0667
CMYK	0.36, 0.64, 0.00, 0.07
HSL	266°, 82%, 63%
HSV	266°, 64%, 93%
XYZ	31.6300, 19.3454, 82.9559
YIQ	122.4750, -9.1810, 61.7870

Conversions

Conversions Part 2

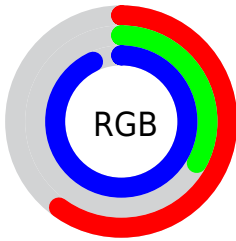
Format	Color
R _Y B	152, 85, 238
Decimal	9983470
CIE Lab	51.09, 57.31, -67.00
CIE LCh	51, 88.166, 310.546
Yxy	19.3454, 0.2362, 0.1444
Android (android.graphics.Color)	4288173550 (0xFF9855EE)
YUV	122.4750, 56.9538, 25.8934
Hunter-Lab	43.9835, 51.3944, -81.0367

Details

The Hex color **9855EE** 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 **ABEE55**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D38AFF**, and **5E1FB5** is the 20% darker color. If you saturate the color by 10%, you get **8B3DEE**, and if you desaturate by 10%, it is **A56DEE**.

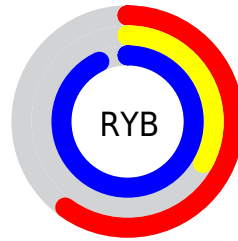
Distribution



Red (60%)

Green (33%)

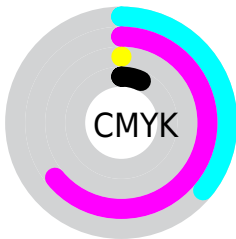
Blue (93%)



Red (60%)

Yellow (33%)

Blue (93%)

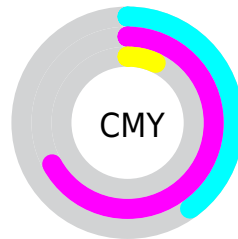


Cyan (36%)

Magenta (64%)

Yellow (0%)

Black (7%)



Cyan (40%)

Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9855EE 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 9855EE by changing the saturation by 10% instead.

9855EE

9855EE

FFFFFF

7B3BD1

D38AFF

5E1FB5

F1A6FF

3F0099

FFC2FF

1B007F

FFDEFF

000065

FFFBFF

00004C

000434

00021E

000000

 9855EE

 9855EE

 8B3DEE

 A56DEE

 7D25EE

 B385EE

 700EEE

 C09CEE

 6800EE

 CEB4EE

 DBCCEE

 E8E4EE

 F6FCEE

 FFFFEE

Harmonies

Analogous

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



007CFF



9855EE



E300AE

Triad

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



9855EE



BB6300



009893

Complementary

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



985EE



ABEE55

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.



009543



9855EE



7D7F00

Square

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



9855EE



E73116



068E00



0097DB

Rectangle

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



9855EE



F6007C



068E00



009879

Sweetspot

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



9855EE



E4CFFF



55ACEE



6F6280



000000



808080

Same Dimension

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



9855EE



913BFF



E455EE



716C78



5000B8



190038

Inverse Universe

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



EE55AB



FF3BA9



5FEE55



786C73



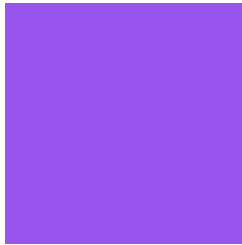
B80067



380020

Previews

White Background



This preview shows how the Hex color 9855EE 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

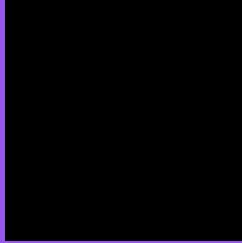
Any Text WCAG AA ✓ Pass

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 9855EE Background



This preview shows how black text looks on a background with the Hex color 9855EE.

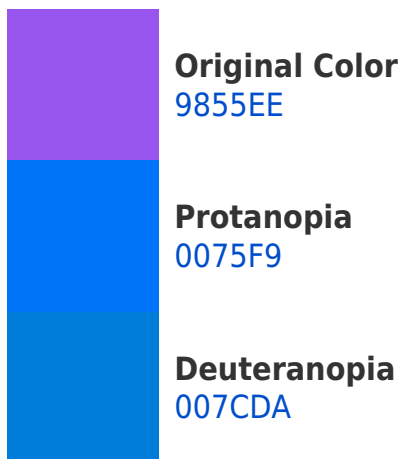


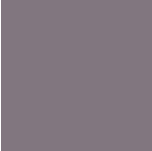
This preview shows how white text looks on a background with the Hex color 9855EE.

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](#).

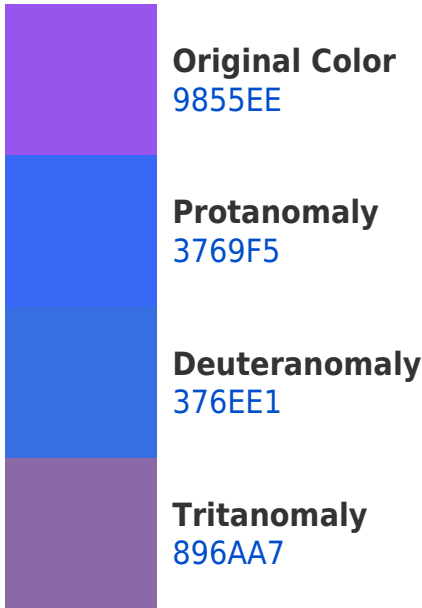
Dichromacy



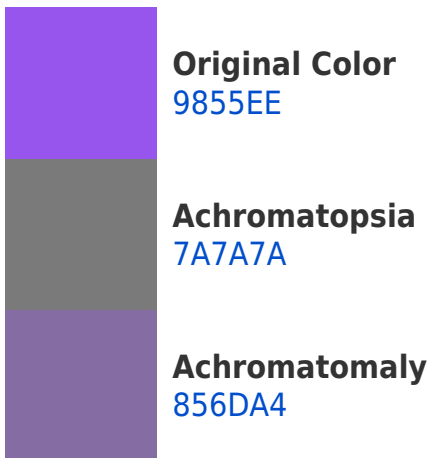


Tritanopia
81767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9855EE 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 #9855EE looks like.

```
.text, #text, p{  
    color:#9855EE  
}
```

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 #9855EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9855EE
}
```

Border

The CSS property to change the border of an element to Hex 9855EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

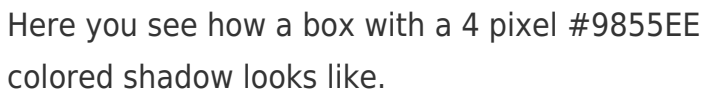
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9855EE }
```

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

```
.border{ border-color:#9855EE }
```

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



Here you see how a box with a 4 pixel #9855EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9855EE; -webkit-box-shadow:4px 4px  
4px 4px #9855EE; box-shadow:4px 4px 4px  
4px #9855EE }
```

Background

The CSS property to change the background color of an element to Hex 9855EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9855EE }
```

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

```
.background{ background-color:#9855EE }
```

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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