

# Converting Colors

Hex(9856E3)

Have a look what the booklet for  
Hex(9856E3) contains.

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# Color

**Hex(9856E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9856E3
RGB	152, 86, 227
RGB Percent	60%, 34%, 89%
CMY	0.4039, 0.6627, 0.1098
CMYK	0.33, 0.62, 0.00, 0.11
HSL	268°, 72%, 61%
HSV	268°, 62%, 89%
XYZ	30.1418, 18.8770, 74.7280
YIQ	121.8080, -5.9250, 57.8430

# Conversions

## Conversions Part 2

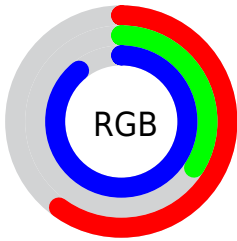
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	152, 86, 227
Decimal	9983715
CIE <sub>Lab</sub>	50.54, 54.14, -61.69
CIE <sub>LCh</sub>	51, 82.078, 311.275
Yxy	18.8770, 0.2436, 0.1525
Android (android.graphics.Color)	4288173795 (0xFF9856E3)
YUV	121.8080, 51.8597, 26.4784
Hunter-Lab	43.4477, 47.8008, -71.5627

# Details

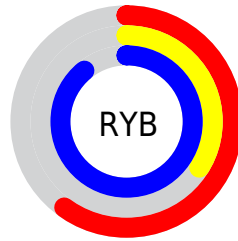
The Hex color **9856E3** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **A1E356**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D28BFF**, and **5F21AB** is the 20% darker color. If you saturate the color by 10%, you get **8C3FE3**, and if you desaturate by 10%, it is **A46DE3**.

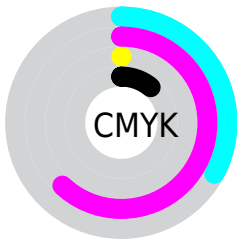
# Distribution



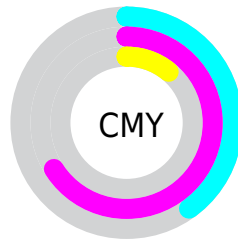
- Red (60%)
- Green (34%)
- Blue (89%)



- Red (60%)
- Yellow (34%)
- Blue (89%)



- Cyan (33%)
- Magenta (62%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (66%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9856E3 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 9856E3 by changing the saturation by 10% instead.



 9856E3

 9856E3

FFFFFF

 7B3CC6

 D28BFF

 5F21AB

 F0A6FF

 42008F

 FFC2FF

 210075

 FFDFFF

 00005C

 FFFCFF

 000043

 00032C

 000116

 000000

9856E3

9856E3

8C3FE3

A46DE3

8029E3

B083E3

7412E3

BC9AE3

6A00E3

C8B1E3

D4C8E3

E0DEE3

EDF5E3

F9FFE3

FFFFE3

# Harmonies

## Analogous

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



0079FF



9856E3



DC1EA7

# Triad

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



9856E3



B56400



009592

# Complementary

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



9856E3



A1E356

# 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.



009348



9856E3



7B7E00

# Square

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



9856E3



DF3B1C



1A8C00



0094D4

# Rectangle

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



9856E3



ED0079



1A8C00



00957A



# Sweetspot

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



9856E3



E5CFFF



56A1E3



706280



000000



808080



# Same Dimension

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



9856E3



9940FF



DE56E3



6D6773



5400B3



180033



# Inverse Universe

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



E356A1



FF40A5



5BE356



73676D



B3005F

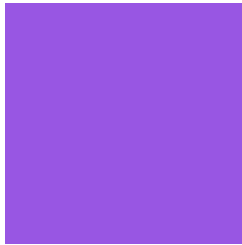


33001B



# Previews

## White Background



This preview shows how the Hex color 9856E3 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

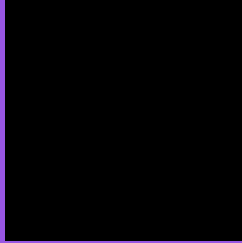
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9856E3 Background



This preview shows how black text looks on a background with the Hex color 9856E3.

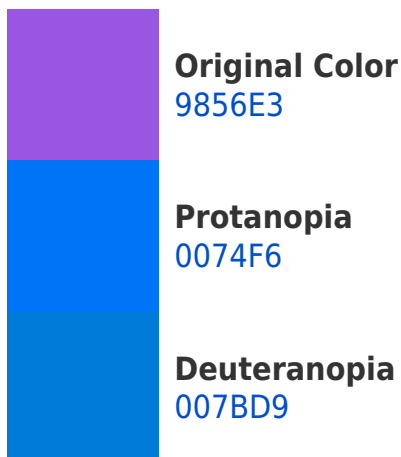


This preview shows how white text looks on a background with the Hex color 9856E3.

# 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](#).

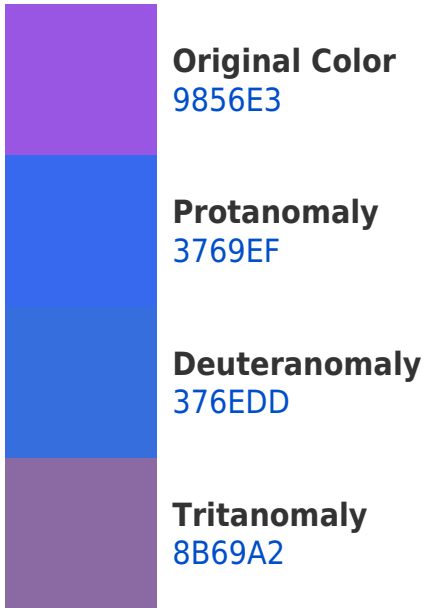
## Dichromacy



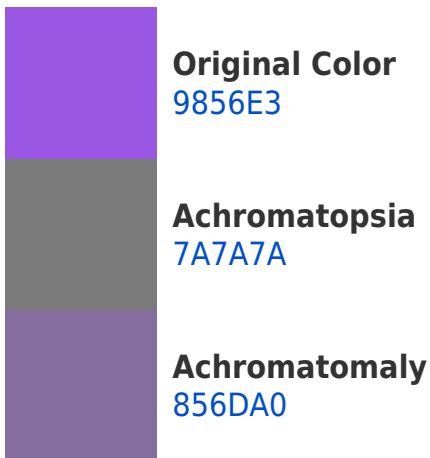


**Tritanopia**  
84747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9856E3 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 #9856E3 looks like.

```
.text, #text, p{  
    color:#9856E3  
}
```

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 #9856E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9856E3
}
```

## Border

The CSS property to change the border of an element to Hex 9856E3 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
#9856E3 }
```

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

```
.border{ border-color:#9856E3 }
```

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

Here you see how a box with a 4 pixel #9856E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9856E3; -webkit-box-shadow:4px 4px  
4px 4px #9856E3; box-shadow:4px 4px 4px  
4px #9856E3 }
```

# Background

The CSS property to change the background color of an element to Hex 9856E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9856E3 }
```

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

```
.background{ background-color:#9856E3 }
```

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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