

Converting Colors

Hex(9E45CE)

Have a look what the booklet for
Hex(9E45CE) contains.

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Color

Hex(9E45CE)

Conversions

Conversions Part 1

Format	Color
Hex	9E45CE
RGB	158, 69, 206
RGB Percent	62%, 27%, 81%
CMY	0.3804, 0.7294, 0.1922
CMYK	0.23, 0.67, 0.00, 0.19
HSL	279°, 58%, 54%
HSV	279°, 67%, 81%
XYZ	27.3693, 15.9816, 60.0348
YIQ	111.2290, 9.0670, 61.4750

Conversions

Conversions Part 2

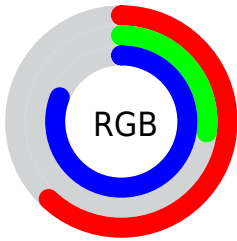
Format	Color
R_{YB}	158, 69, 206
Decimal	10372558
CIE _{Lab}	46.95, 58.84, -55.47
CIE _{LCh}	47, 80.860, 316.690
Yxy	15.9816, 0.2647, 0.1546
Android (android.graphics.Color)	4288562638 (0xFF9E45CE)
YUV	111.2290, 46.7221, 41.0182
Hunter-Lab	39.9770, 52.2460, -61.0539

Details

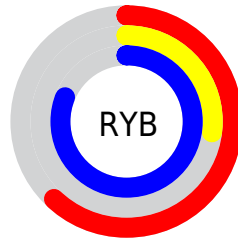
The Hex color **9E45CE** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **75CE45**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D87BFF**, and **660297** is the 20% darker color. If you saturate the color by 10%, you get **9730CE**, and if you desaturate by 10%, it is **A55ACE**.

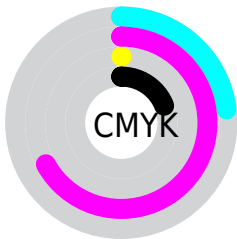
Distribution



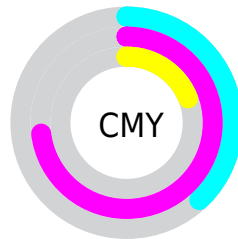
- Red (62%)
- Green (27%)
- Blue (81%)



- Red (62%)
- Yellow (27%)
- Blue (81%)



- Cyan (23%)
- Magenta (67%)
- Yellow (0%)
- Black (19%)



- Cyan (38%)
- Magenta (73%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E45CE 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 9E45CE by changing the saturation by 10% instead.

9E45CE

9E45CE

FFFFFF

8229B2

D87BFF

660297

F696FF

4A007C

FFB2FF

2D0063

FFCFFF

10004A

FFECFF

000232

00021C

000000

9E45CE

9E45CE

9730CE

A55ACE

901CCE

AC6ECE

8807CE

B483CE

8600CE

BB97CE

C2ACCE

C9C1CE

D1D5CE

D8EACE

DFFECE

Harmonies

Analogous

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



006BF4



9E45CE



D60091

Triad

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



9E45CE



A16100



008B95

Complementary

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



9E45CE



75CE45

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.



00894D



9E45CE



657800

Square

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



9E45CE



CC3B00



008400



008AD2

Rectangle

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



9E45CE



E20063



008400



008B7D

Sweetspot

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



9E45CE



EDCCFF



4577CE



756180



000000



808080

Same Dimension

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



9E45CE



B833FF



CE45BC



625C66



6C00A6



190026

Inverse Universe

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



CE4575



FF337A



45CE57



665C5F



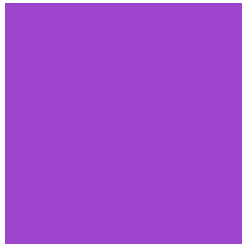
A6003A



26000D

Previews

White Background



This preview shows how the Hex color 9E45CE looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

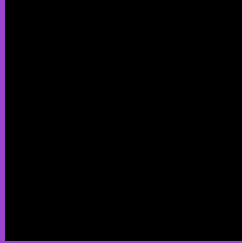
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9E45CE Background



This preview shows how black text looks on a background with the Hex color 9E45CE.

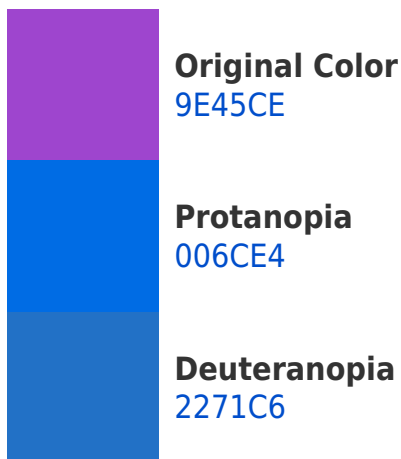


This preview shows how white text looks on a background with the Hex color 9E45CE.

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](#).

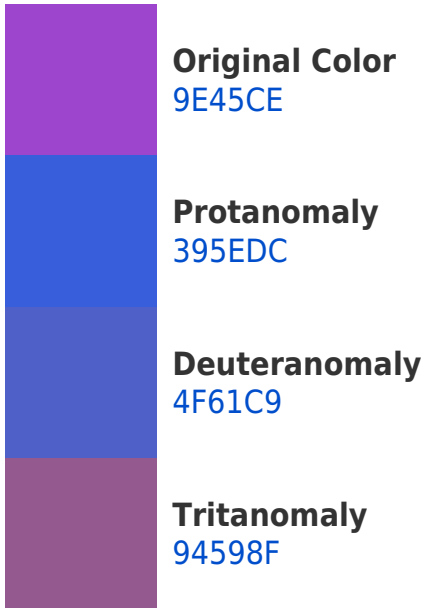
Dichromacy



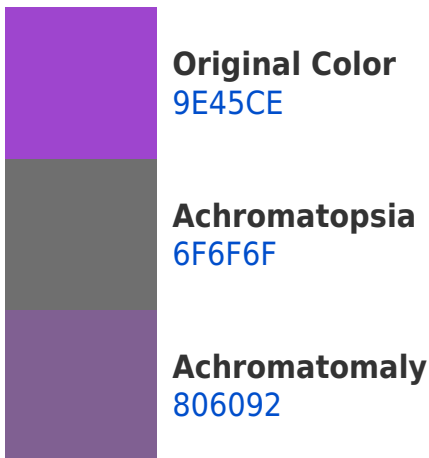


Tritanopia
8E646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E45CE 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 #9E45CE looks like.

```
.text, #text, p{  
    color:#9E45CE  
}
```

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 #9E45CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E45CE
}
```

Border

The CSS property to change the border of an element to Hex 9E45CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

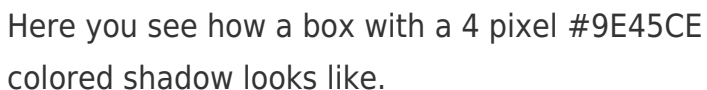
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E45CE }
```

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

```
.border{ border-color:#9E45CE }
```

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



Here you see how a box with a 4 pixel #9E45CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E45CE; -webkit-box-shadow:4px 4px  
4px 4px #9E45CE; box-shadow:4px 4px 4px  
4px #9E45CE }
```

Background

The CSS property to change the background color of an element to Hex 9E45CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E45CE }
```

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

```
.background{ background-color:#9E45CE }
```

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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