

Converting Colors

Hex(9A85CF)

Have a look what the booklet for
Hex(9A85CF) contains.

Hex(9A85CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A85CF)

Conversions

Conversions Part 1

Format	Color
Hex	9A85CF
RGB	154, 133, 207
RGB Percent	60%, 52%, 81%
CMY	0.3961, 0.4784, 0.1882
CMYK	0.26, 0.36, 0.00, 0.19
HSL	257°, 44%, 67%
HSV	257°, 36%, 81%
XYZ	32.9764, 28.1501, 62.7269
YIQ	147.7150, -11.2380, 27.4660

Conversions

Conversions Part 2

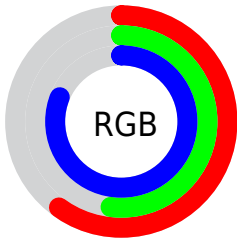
Format	Color
RYB	154, 133, 207
Decimal	10126799
CIELab	60.02, 23.65, -35.34
CIElCh	60, 42.522, 303.789
Yxy	28.1501, 0.2663, 0.2273
Android (android.graphics.Color)	4288316879 (0xFF9A85CF)
YUV	147.7150, 29.2275, 5.5119
Hunter-Lab	53.0566, 18.0945, -32.9568

Details

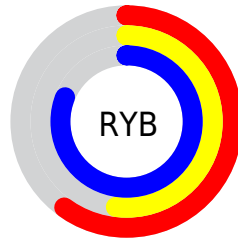
The Hex color **9A85CF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BACF85**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D2BAFF**, and **655398** is the 20% darker color. If you saturate the color by 10%, you get **8B70CF**, and if you desaturate by 10%, it is **A99ACF**.

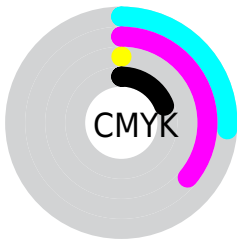
Distribution



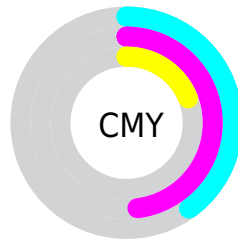
- Red (60%)
- Green (52%)
- Blue (81%)



- Red (60%)
- Yellow (52%)
- Blue (81%)



- Cyan (26%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (48%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A85CF 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 9A85CF by changing the saturation by 10% instead.

 9A85CF

 9A85CF

FFFFFF

 7F6CB3

 D2BAFF

 655398

 EED6FF

 4B3C7E

 FFF3FF

 322665

 18114C

 060035

 00021F

 000002

 000000

 9A85CF

 9A85CF

 8B70CF

 A99ACF

 7C5CCF

 B8AECF

 6E47CF

 C6C3CF

 5F32CF

 D5D8CF

 501ECF

 E4ECCF

 4109CF

 F3FFCF

 3B00CF

 FFFFCF

Harmonies

Analogous

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



5A93DB



9A85CF



C378B2

Triad

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



9A85CF



C2834E



00A494

Complementary

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



9A85CF



BACF85

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.



4AA16E



9A85CF



A39044

Square

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



9A85CF



D57669



7C9B50



00A3B9

Rectangle

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



9A85CF



D2729A



7C9B50



0AA387

Sweetspot

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



9A85CF



EBE3FF



85BACF



746F80



000000



808080

Same Dimension

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



9A85CF



B091FF



BF85CF



615E69



3000A8



0C0029

Inverse Universe

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



CF85BA



FF91E0



95CF85



695E66



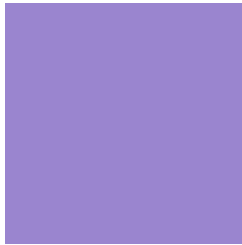
A80079



29001D

Previews

White Background



This preview shows how the Hex color 9A85CF looks on a white background.

Color Contrast Check

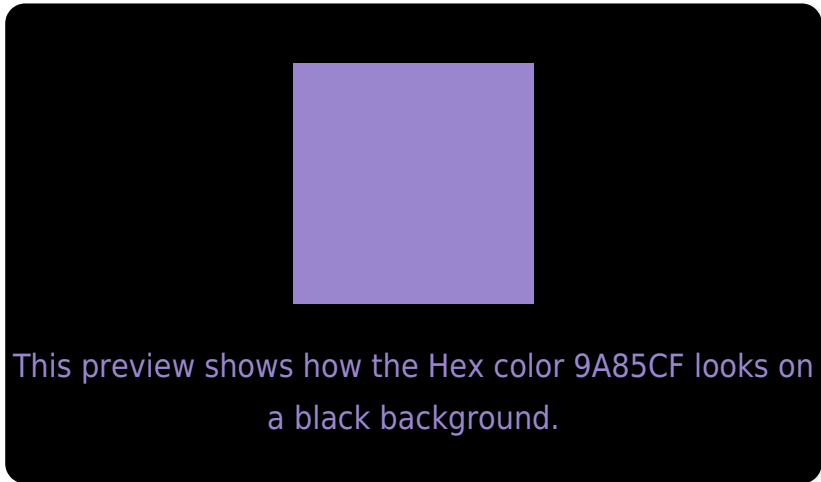
Large Text (above 18pt) WCAG AA ✓ Pass

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

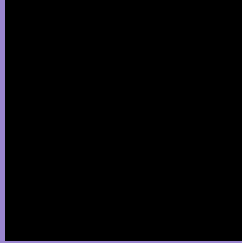
Any Text WCAG AA ✓ Pass

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 9A85CF Background



This preview shows how black text looks on a background with the Hex color 9A85CF.

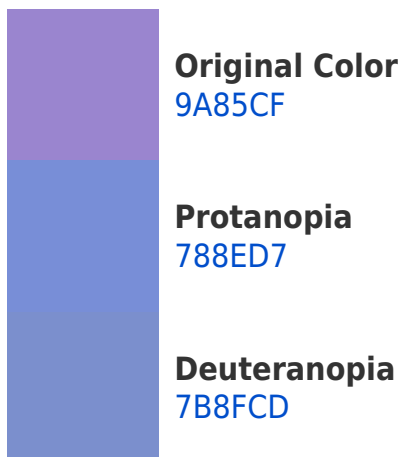


This preview shows how white text looks on a background with the Hex color 9A85CF.

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](#).

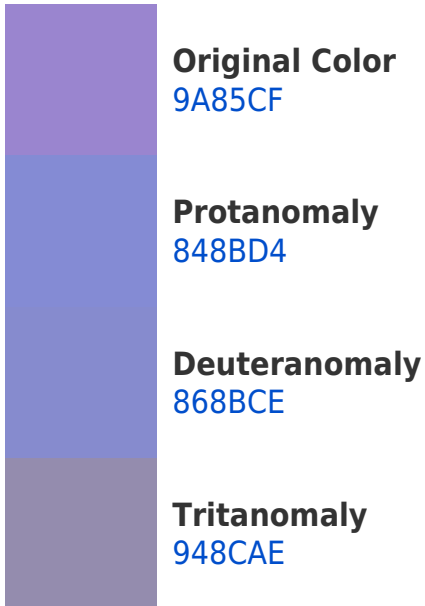
Dichromacy



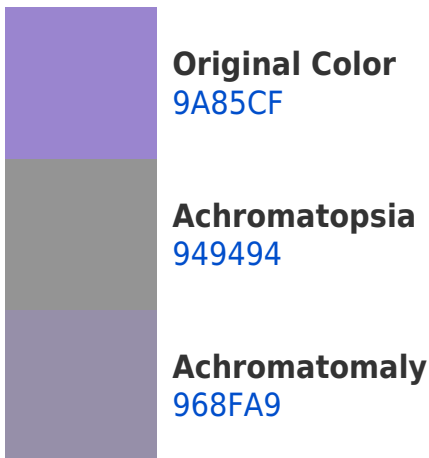


Tritanopia
90909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A85CF 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 #9A85CF looks like.

```
.text, #text, p{  
    color:#9A85CF  
}
```

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 #9A85CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A85CF
}
```

Border

The CSS property to change the border of an element to Hex 9A85CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

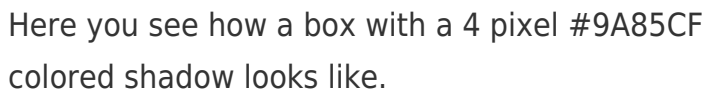
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A85CF }
```

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

```
.border{ border-color:#9A85CF }
```

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



Here you see how a box with a 4 pixel #9A85CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A85CF; -webkit-box-shadow:4px 4px  
4px 4px #9A85CF; box-shadow:4px 4px 4px  
4px #9A85CF }
```

Background

The CSS property to change the background color of an element to Hex 9A85CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A85CF }
```

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

```
.background{ background-color:#9A85CF }
```

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