

Converting Colors

Hex(9C85DA)

Have a look what the booklet for
Hex(9C85DA) contains.

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Color

Hex(9C85DA)

Conversions

Conversions Part 1

Format	Color
Hex	9C85DA
RGB	156, 133, 218
RGB Percent	61%, 52%, 85%
CMY	0.3882, 0.4784, 0.1451
CMYK	0.28, 0.39, 0.00, 0.15
HSL	256°, 53%, 69%
HSV	256°, 39%, 85%
XYZ	34.7527, 28.9049, 70.0772
YIQ	149.5670, -13.5770, 31.3110

Conversions

Conversions Part 2

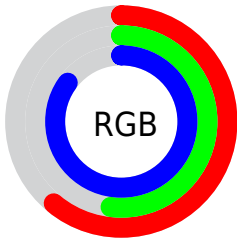
Format	Color
R _Y B	156, 133, 218
Decimal	10257882
CIE Lab	60.70, 26.94, -40.44
CIE LCh	61, 48.594, 303.673
Yxy	28.9049, 0.2599, 0.2161
Android (android.graphics.Color)	4288447962 (0xFF9C85DA)
YUV	149.5670, 33.7375, 5.6417
Hunter-Lab	53.7633, 21.2970, -39.6466

Details

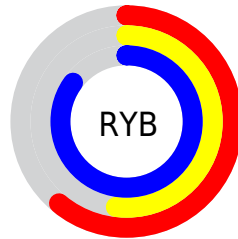
The Hex color **9C85DA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C3DA85**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D4BAFF**, and **6653A3** is the 20% darker color. If you saturate the color by 10%, you get **8C6FDA**, and if you desaturate by 10%, it is **AC9BDA**.

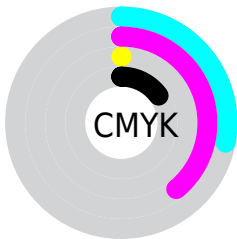
Distribution



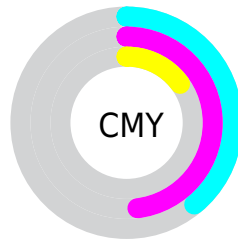
- Red (61%)
- Green (52%)
- Blue (85%)



- Red (61%)
- Yellow (52%)
- Blue (85%)



- Cyan (28%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9C85DA 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 9C85DA by changing the saturation by 10% instead.

 9C85DA

 9C85DA

FFFFFF

 816CBE

 D4BAFF

 6653A3

 F1D6FF

 4C3C88

 FFF3FF

 32266E

 161155

 00003E

 000327

 000110

 000000

 9C85DA

 9C85DA

 8C6FDA

 AC9BDA

 7C59DA

 BCB1DA

 6C44DA

 CCC6DA

 5C2EDA

 DCDCDA

 4C18DA

 ECF2DA

 3D02DA

 FBFFDA

 3B00DA

 FFFFDA

Harmonies

Analogous

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



4B95E8



9C85DA



CB75B9

Triad

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



9C85DA



C98245



00A897

Complementary

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



9C85DA



C3DA85

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.



3DA56B



9C85DA



A69239

Square

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



9C85DA



DF7365



7A9E48



00A7C1

Rectangle

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



9C85DA



DC6E9D



7A9E48



00A788

Sweetspot

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



9C85DA



E9E0FF



85C3DA



726E80



000000



808080

Same Dimension

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



9C85DA



A887FF



C685DA



66636E



2F00AD



0C002E

Inverse Universe

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



DA85C3



FF87DF



99DA85



6E636B



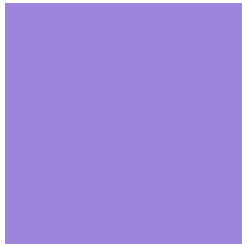
AD007E



2E0021

Previews

White Background



This preview shows how the Hex color 9C85DA looks on a white background.

Color Contrast Check

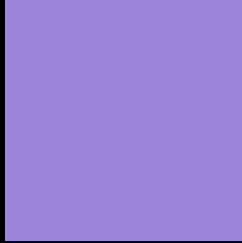
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 9C85DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

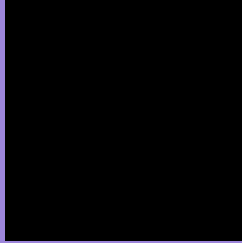
Any Text WCAG AA ✓ Pass

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 9C85DA Background



This preview shows how black text looks on a background with the Hex color 9C85DA.

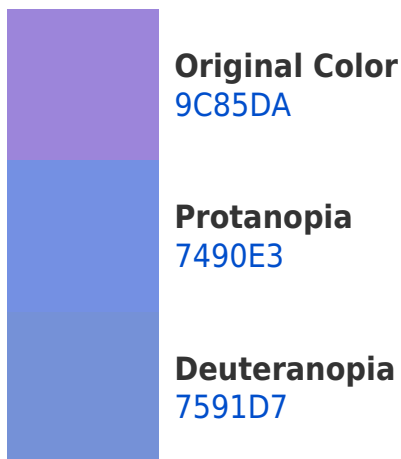



This preview shows how white text looks on a background with the Hex color 9C85DA.

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](#).

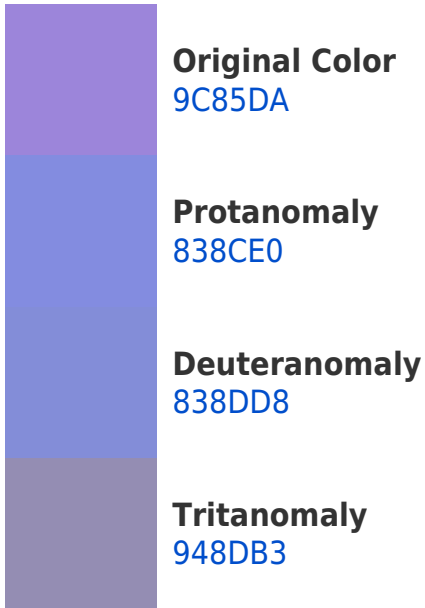
Dichromacy



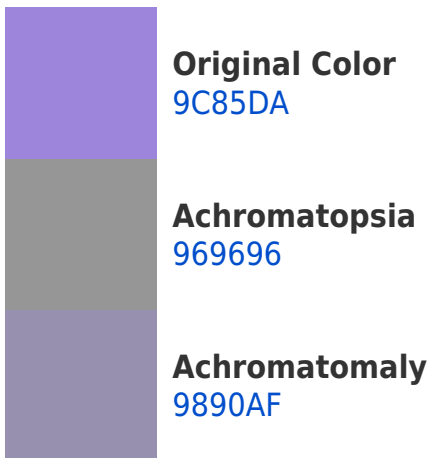


Tritanopia
90929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C85DA 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 #9C85DA looks like.

```
.text, #text, p{  
    color:#9C85DA  
}
```

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 #9C85DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C85DA
}
```

Border

The CSS property to change the border of an element to Hex 9C85DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

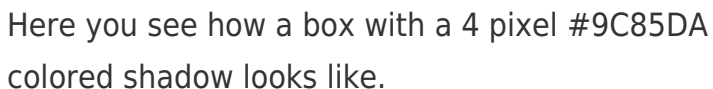
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C85DA }
```

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

```
.border{ border-color:#9C85DA }
```

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



Here you see how a box with a 4 pixel #9C85DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C85DA; -webkit-box-shadow:4px 4px  
4px 4px #9C85DA; box-shadow:4px 4px 4px  
4px #9C85DA }
```

Background

The CSS property to change the background color of an element to Hex 9C85DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C85DA }
```

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

```
.background{ background-color:#9C85DA }
```

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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