

Converting Colors

Hex(9C87DB)

Have a look what the booklet for
Hex(9C87DB) contains.

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Color

Hex(9C87DB)

Conversions

Conversions Part 1

Format	Color
Hex	9C87DB
RGB	156, 135, 219
RGB Percent	61%, 53%, 86%
CMY	0.3882, 0.4706, 0.1412
CMYK	0.29, 0.38, 0.00, 0.14
HSL	255°, 54%, 69%
HSV	255°, 38%, 86%
XYZ	35.1605, 29.5103, 70.8607
YIQ	150.8550, -14.4480, 30.5760

Conversions

Conversions Part 2

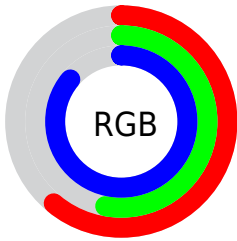
Format	Color
RYB	156, 135, 219
Decimal	10258395
CIELab	61.23, 26.04, -40.16
CIELCh	61, 47.869, 302.960
Yxy	29.5103, 0.2594, 0.2177
Android (android.graphics.Color)	4288448475 (0xFF9C87DB)
YUV	150.8550, 33.5955, 4.5122
Hunter-Lab	54.3234, 20.4669, -39.3129

Details

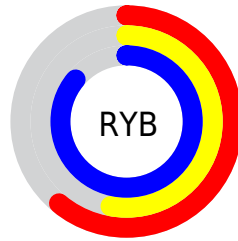
The Hex color **9C87DB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C6DB87**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D4BCFF**, and **6655A4** is the 20% darker color. If you saturate the color by 10%, you get **8C71DB**, and if you desaturate by 10%, it is **AC9DDB**.

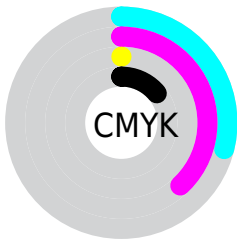
Distribution



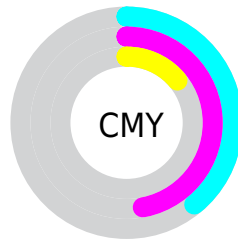
- Red (61%)
- Green (53%)
- Blue (86%)



- Red (61%)
- Yellow (53%)
- Blue (86%)



- Cyan (29%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (39%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C87DB 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 9C87DB by changing the saturation by 10% instead.

 9C87DB

 9C87DB

FFFFFF

 816EBF

 D4BCFF

 6655A4

 F1D8FF

 4C3E89

 FFF5FF

 32276F

 161256

 00003F

 000328

 000111

 000000

 9C87DB

 9C87DB

 8C71DB

 AC9DDB

 7B5BDB

 BDB3DB

 6B45DB

 CDC9DB

 5A2FDB

 DEDFDB

 4A1ADB

 EEF4DB

 3904DB

 FFFFDB

 3700DB

Harmonies

Analogous

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



4D97E8



9C87DB



CB77BB

Triad

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



9C87DB



CB8448



00A997

Complementary

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



9C87DB



C6DB87

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.



42A66C



9C87DB



A8933C

Square

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



9C87DB



E07568



7D9F4A



00A8C1

Rectangle

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



9C87DB



DD70A0



7D9F4A



00A888

Sweetspot

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



9C87DB



E8E0FF



87C6DB



726E80



000000



808080

Same Dimension

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



9C87DB



A78AFF



C687DB



65636E



2B00AD



0B002E

Inverse Universe

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



DB87C6



FF8AE2



9CDB87



6E636B



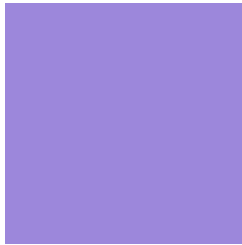
AD0082



2E0022

Previews

White Background



This preview shows how the Hex color 9C87DB looks on a white background.

Color Contrast Check

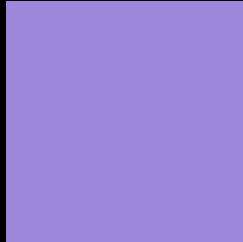
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C87DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

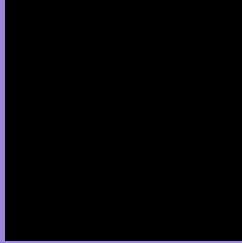
Any Text WCAG AA ✓ Pass

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 9C87DB Background



This preview shows how black text looks on a background with the Hex color 9C87DB.

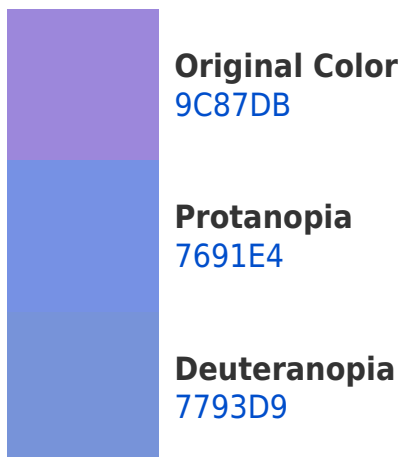


This preview shows how white text looks on a background with the Hex color 9C87DB.

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](#).

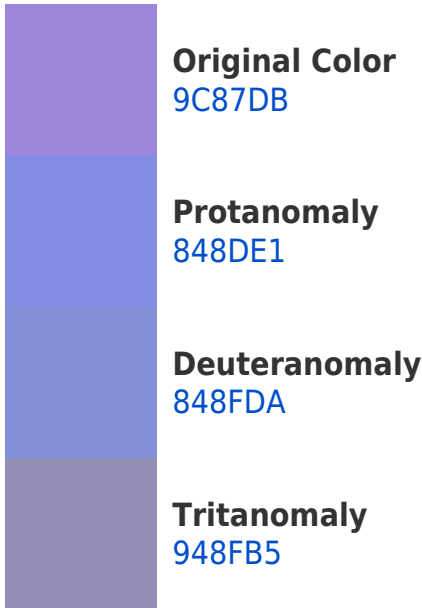
Dichromacy



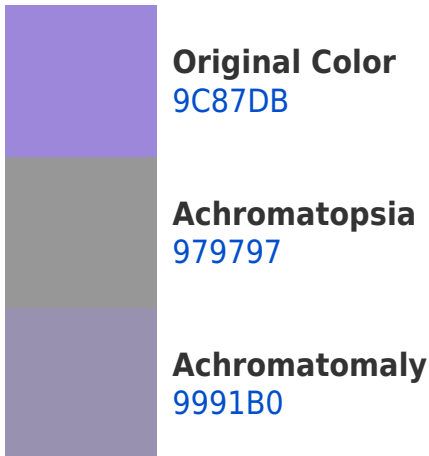


Tritanopia
90949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C87DB 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 #9C87DB looks like.

```
.text, #text, p{  
    color:#9C87DB  
}
```

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 #9C87DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C87DB
}
```

Border

The CSS property to change the border of an element to Hex 9C87DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

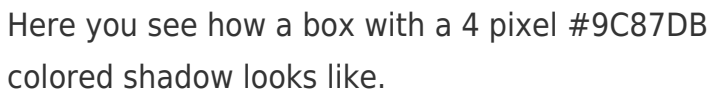
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C87DB }
```

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

```
.border{ border-color:#9C87DB }
```

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



Here you see how a box with a 4 pixel #9C87DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C87DB; -webkit-box-shadow:4px 4px  
4px 4px #9C87DB; box-shadow:4px 4px 4px  
4px #9C87DB }
```

Background

The CSS property to change the background color of an element to Hex 9C87DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C87DB }
```

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

```
.background{ background-color:#9C87DB }
```

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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