

Converting Colors

Hex(9C86DC)

Have a look what the booklet for
Hex(9C86DC) contains.

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Color

Hex(9C86DC)

Conversions

Conversions Part 1

Format	Color
Hex	9C86DC
RGB	156, 134, 220
RGB Percent	61%, 53%, 86%
CMY	0.3882, 0.4745, 0.1373
CMYK	0.29, 0.39, 0.00, 0.14
HSL	255°, 55%, 69%
HSV	255°, 39%, 86%
XYZ	35.1537, 29.2854, 71.5100
YIQ	150.3820, -14.4940, 31.4100

Conversions

Conversions Part 2

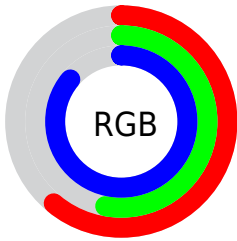
Format	Color
R _Y B	156, 134, 220
Decimal	10258140
CIE Lab	61.03, 26.87, -41.03
CIE LCh	61, 49.046, 303.218
Yxy	29.2854, 0.2586, 0.2154
Android (android.graphics.Color)	4288448220 (0xFF9C86DC)
YUV	150.3820, 34.3217, 4.9270
Hunter-Lab	54.1160, 21.2503, -40.4658

Details

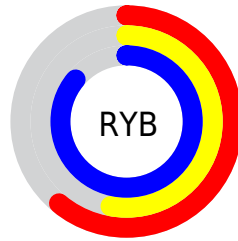
The Hex color **9C86DC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C6DC86**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D4BBFF**, and **6654A4** is the 20% darker color. If you saturate the color by 10%, you get **8C70DC**, and if you desaturate by 10%, it is **AC9CDC**.

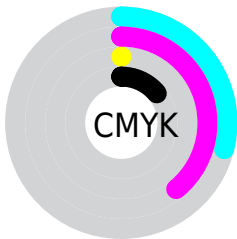
Distribution



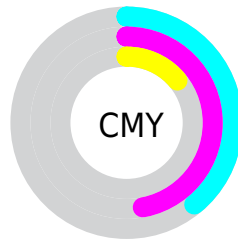
- Red (61%)
- Green (53%)
- Blue (86%)



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



- Cyan (29%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



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

Brightness & Saturation Gradients


These gradients show how the Hex color 9C86DC 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 9C86DC by changing the saturation by 10% instead.

 9C86DC

 9C86DC

FFFFFF

 816DC0

 D4BBFF

 6654A4

 F1D7FF

 4C3D8A

 FFF4FF

 322670

 151157

 00003F

 000328

 000112

 000000

 9C86DC

 9C86DC

 8C70DC

 AC9CDC

 7B5ADC

 BDB2DC

 6B44DC

 CDC8DC

 5B2EDC

 DDEDC

 4A18DC

 EE4DC

 3A02DC

 FEFFDC

 3800DC

 FFFDC

Harmonies

Analogous

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



4996EA



9C86DC



CC75BB

Triad

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



9C86DC



CB8346



00A997

Complementary

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



9C86DC



C6DC86

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.



3EA66B



9C86DC



A89338

Square

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



9C86DC



E07466



7B9F47



00A8C2

Rectangle

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



9C86DC



DE6F9F



7B9F47



00A888

Sweetspot

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



9C86DC



E8E0FF



86C7DC



726E80



000000



808080

Same Dimension

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



9C86DC



A687FF



C786DC



65636E



2C00AD



0C002E

Inverse Universe

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



DC86C6



FF87E0



9CDC86



6E636B



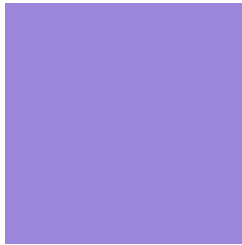
AD0081



2E0022

Previews

White Background



This preview shows how the Hex color 9C86DC looks on a white background.

Color Contrast Check

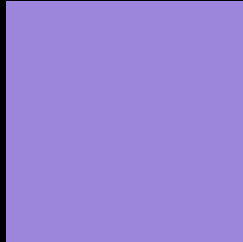
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C86DC 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 9C86DC Background



This preview shows how black text looks on a background with the Hex color 9C86DC.

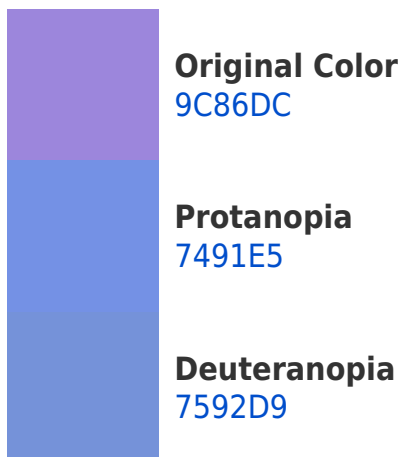


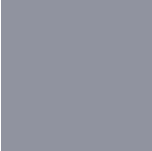
This preview shows how white text looks on a background with the Hex color 9C86DC.

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](#).

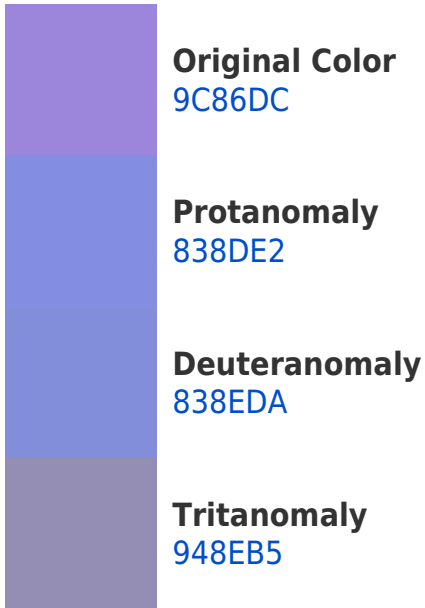
Dichromacy



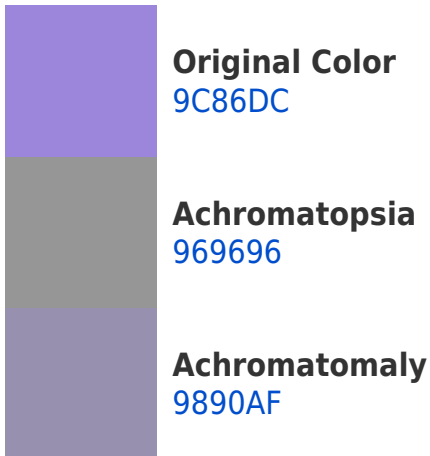


Tritanopia
90939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C86DC 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 #9C86DC looks like.

```
.text, #text, p{  
    color:#9C86DC  
}
```

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 #9C86DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C86DC
}
```

Border

The CSS property to change the border of an element to Hex 9C86DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

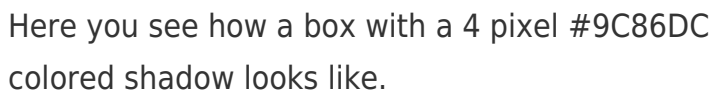
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C86DC }
```

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

```
.border{ border-color:#9C86DC }
```

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



Here you see how a box with a 4 pixel #9C86DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C86DC; -webkit-box-shadow:4px 4px  
4px 4px #9C86DC; box-shadow:4px 4px 4px  
4px #9C86DC }
```

Background

The CSS property to change the background color of an element to Hex 9C86DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C86DC }
```

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

```
.background{ background-color:#9C86DC }
```

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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