

Converting Colors

Hex(9D8DBE)

Have a look what the booklet for
Hex(9D8DBE) contains.

Hex(9D8DBE)	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(9D8DBE)

Conversions

Conversions Part 1

Format	Color
Hex	9D8DBE
RGB	157, 141, 190
RGB Percent	62%, 55%, 75%
CMY	0.3843, 0.4471, 0.2549
CMYK	0.17, 0.26, 0.00, 0.25
HSL	260°, 27%, 65%
HSV	260°, 26%, 75%
XYZ	32.7238, 29.9356, 52.7686
YIQ	151.3700, -6.1930, 18.6310

Conversions

Conversions Part 2

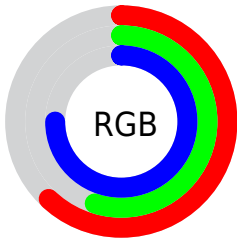
Format	Color
RYB	157, 141, 190
Decimal	10325438
CIELab	61.60, 15.96, -23.31
CIELCh	62, 28.248, 304.406
Yxy	29.9356, 0.2835, 0.2593
Android (android.graphics.Color)	4288515518 (0xFF9D8DBE)
YUV	151.3700, 19.0446, 4.9375
Hunter-Lab	54.7134, 11.0114, -18.8832

Details

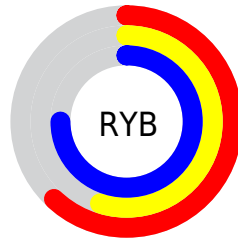
The Hex color **9D8DBE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AEBE8D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D4C3F6**, and **695B88** is the 20% darker color. If you saturate the color by 10%, you get **907ABE**, and if you desaturate by 10%, it is **AAA0BE**.

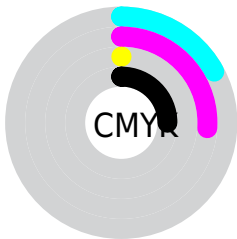
Distribution



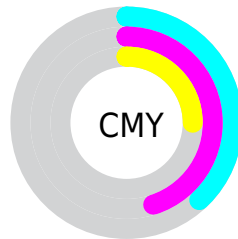
- Red (62%)
- Green (55%)
- Blue (75%)



- Red (62%)
- Yellow (55%)
- Blue (75%)



- Cyan (17%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D8DBE 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 9D8DBE by changing the saturation by 10% instead.

■ 9D8DBE

■ 9D8DBE

FFFFFF

■ 8373A3

■ D4C3F6

■ 695B88

■ F1DFFF

■ 50436F

■ FFFBFF

■ 382D56

■ 22183F

■ 0F0029

■ 000113

■ 000000

■ 9D8DBE

■ 9D8DBE

907ABE

AAA0BE

8367BE

B7B3BE

7754BE

C3C6BE

6A41BE

D0D9BE

5D2EBE

DDECBE

501BBE

EAFFBE

4308BE

F7FFBE

3E00BE

FFFFBE

Harmonies

Analogous

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



7996C6



9D8DBE



B885AB

Triad

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



9D8DBE



B88C68



4FA398

Complementary

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



9D8DBE



AEBE8D

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.



6AA17E



9D8DBE



A39463

Square

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



9D8DBE



C5857A



889C6B



42A1B0

Rectangle

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



9D8DBE



C2829A



889C6B



57A28F

Sweetspot

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



9D8DBE



EAE4F7



8DAEBE



75707D



FCFCFC



7D7D7D

Same Dimension

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



9D8DBE



C4ABF7



B58DBE



58555E



34009E



0A001F

Inverse Universe

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



BE8DAE



F7ABDE



96BE8D



5E555B



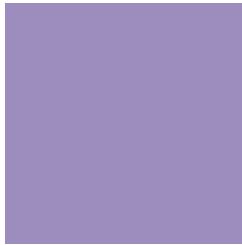
9E006A



1F0015

Previews

White Background



This preview shows how the Hex color 9D8DBE looks on a white background.

Color Contrast Check

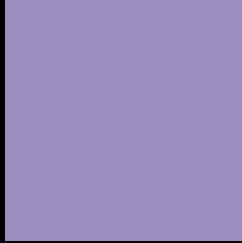
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D8DBE 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 9D8DBE Background



This preview shows how black text looks on a background with the Hex color 9D8DBE.



This preview shows how white text looks on a background with the Hex color 9D8DBE.

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](#).

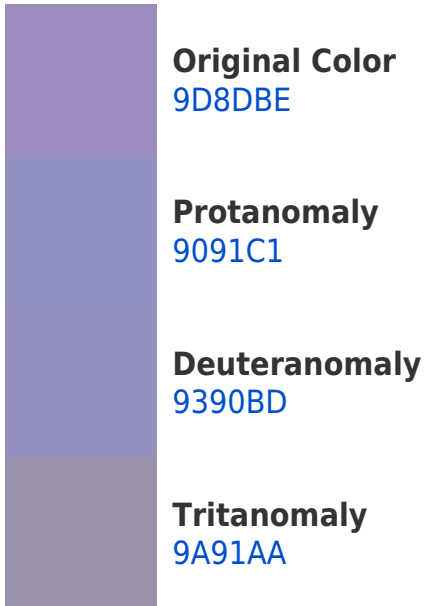
Dichromacy



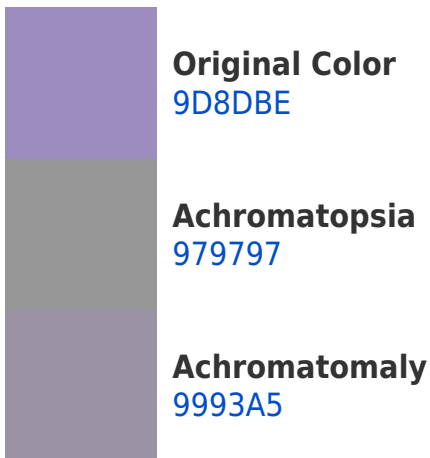


Tritanopia
98939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8DBE 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 #9D8DBE looks like.

```
.text, #text, p{  
  color:#9D8DBE  
}
```

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 #9D8DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8DBE
}
```

Border

The CSS property to change the border of an element to Hex 9D8DBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

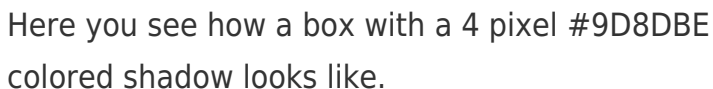
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D8DBE }
```

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

```
.border{ border-color:#9D8DBE }
```

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



Here you see how a box with a 4 pixel #9D8DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8DBE; -webkit-box-shadow:4px 4px  
4px 4px #9D8DBE; box-shadow:4px 4px 4px  
4px #9D8DBE }
```

Background

The CSS property to change the background color of an element to Hex 9D8DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8DBE }
```

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

```
.background{ background-color:#9D8DBE }
```

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