

Converting Colors

Hex(9D86AC)

Have a look what the booklet for
Hex(9D86AC) contains.

| | |
|--|----|
| Hex(9D86AC) | 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(9D86AC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 9D86AC |
| RGB | 157, 134, 172 |
| RGB Percent | 62%, 53%, 67% |
| CMY | 0.3843, 0.4745, 0.3255 |
| CMYK | 0.09, 0.22, 0.00, 0.33 |
| HSL | 276°, 19%, 60% |
| HSV | 276°, 22%, 67% |
| XYZ | 29.8761, 27.1969, 42.7046 |
| YIQ | 145.2090, 1.5100, 16.6940 |

Conversions

Conversions Part 2

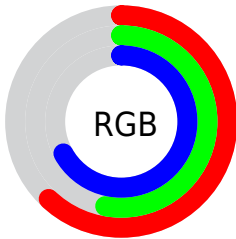
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 157, 134, 172 |
| Decimal | 10323628 |
| CIELab | 59.16, 16.01, -16.82 |
| CIELCh | 59, 23.223, 313.597 |
| Yxy | 27.1969, 0.2994, 0.2726 |
| Android (android.graphics.Color) | 4288513708 (0xFF9D86AC) |
| YUV | 145.2090, 13.2080, 10.3407 |
| Hunter-Lab | 52.1506, 10.9958, -12.0454 |

Details

The Hex color **9D86AC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **95AC86**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D4BBE3**, and **695478** is the 20% darker color. If you saturate the color by 10%, you get **9675AC**, and if you desaturate by 10%, it is **A497AC**.

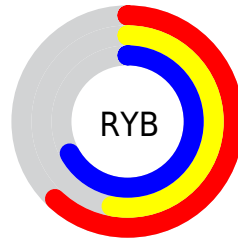
Distribution



Red (62%)

Green (53%)

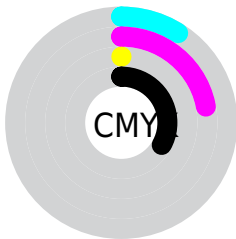
Blue (67%)



Red (62%)

Yellow (53%)

Blue (67%)

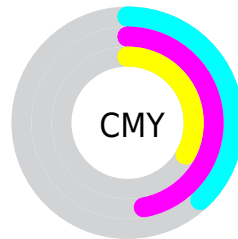


Cyan (9%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D86AC 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 9D86AC by changing the saturation by 10% instead.

9D86AC

9D86AC

FFFFFF

836D91

D4BBE3

695478

F0D7FF

513D5F

FFF4FF

392747

231230

0E001C

000000

9D86AC

9D86AC

9675AC

A497AC

8F64AC

ABA8AC

8952AC

B1BAAC

8241AC

B8CBAC

7B30AC

BFDCAC

741FAC

C6EDAC

6D0EAC

CDFEAC

6800AC

D3FFAC

DAFFAC

Harmonies

Analogous

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



828DB6



9D86AC



B0819A

Triad

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



9D86AC



A78968



549A97

Complementary

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



9D86AC



95AC86

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.



669982



9D86AC



949067

Square

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



9D86AC



B48373



7D9670



5398AA

Rectangle

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



9D86AC



B67F8D



7D9670



599A90

Sweetspot

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



9D86AC



DAD1E0



8695AC



6D6770



F0F0F0



707070

Same Dimension

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



9D86AC



C8A4E0



AC86A8



534E57



5B0096



0E0017

Inverse Universe

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



AC8695



E0A4BC



86AC8A



574E51



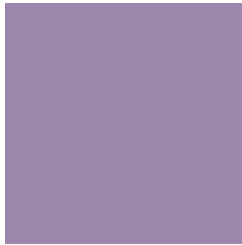
96003B



170009

Previews

White Background



This preview shows how the Hex color 9D86AC looks on a white background.

Color Contrast Check

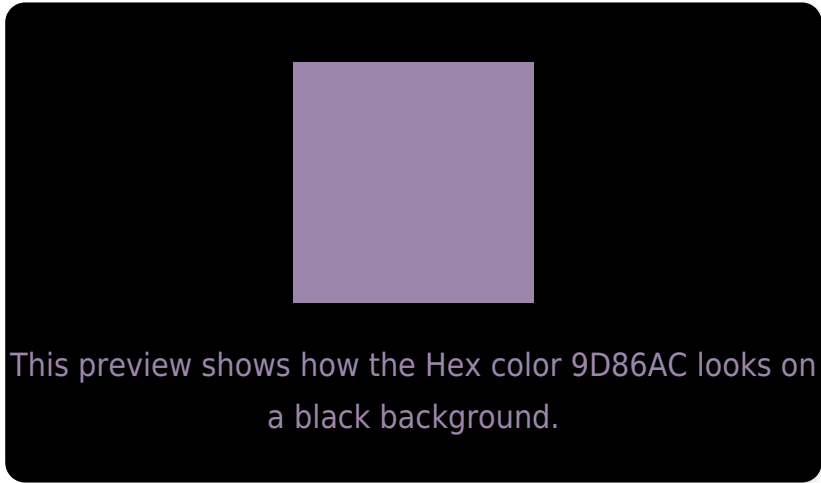
Large Text (above 18pt) WCAG AA ✓ Pass

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

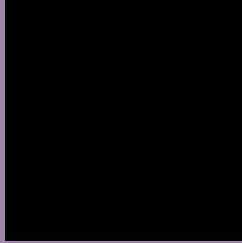
Any Text WCAG AA ✓ Pass

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 9D86AC Background



This preview shows how black text looks on a background with the Hex color 9D86AC.

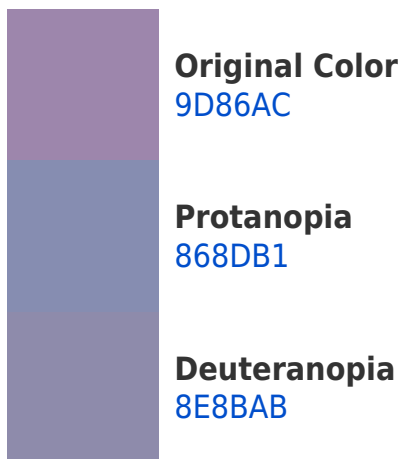



This preview shows how white text looks on a background with the Hex color 9D86AC.

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
998A95

Trichromacy



Original Color
9D86AC

Protanomaly
8E8AAF

Deuteranomaly
9389AB

Tritanomaly
9A899D

Monochromacy



Original Color
9D86AC

Achromatopsia
919191

Achromatomaly
958D9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D86AC 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 #9D86AC looks like.

```
.text, #text, p{  
    color:#9D86AC  
}
```

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 #9D86AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D86AC
}
```

Border

The CSS property to change the border of an element to Hex 9D86AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

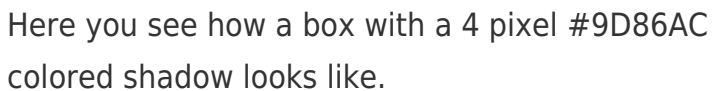
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D86AC }
```

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

```
.border{ border-color:#9D86AC }
```

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



Here you see how a box with a 4 pixel #9D86AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D86AC; -webkit-box-shadow:4px 4px  
4px 4px #9D86AC; box-shadow:4px 4px 4px  
4px #9D86AC }
```

Background

The CSS property to change the background color of an element to Hex 9D86AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D86AC }
```

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

```
.background{ background-color:#9D86AC }
```

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