

Converting Colors

Hex(9E8AAD)

Have a look what the booklet for
Hex(9E8AAD) contains.

Hex(9E8AAD)	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(9E8AAD)

Conversions

Conversions Part 1

Format	Color
Hex	9E8AAD
RGB	158, 138, 173
RGB Percent	62%, 54%, 68%
CMY	0.3804, 0.4588, 0.3216
CMYK	0.09, 0.20, 0.00, 0.32
HSL	274°, 18%, 61%
HSV	274°, 20%, 68%
XYZ	30.7319, 28.4632, 43.4094
YIQ	147.9700, 0.6850, 15.1250

Conversions

Conversions Part 2

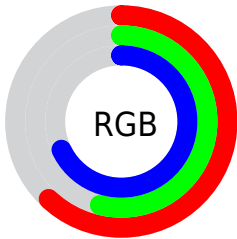
Format	Color
RYB	158, 138, 173
Decimal	10390189
CIELab	60.30, 14.28, -15.64
CIELCh	60, 21.176, 312.396
Yxy	28.4632, 0.2995, 0.2774
Android (android.graphics.Color)	4288580269 (0xFF9E8AAD)
YUV	147.9700, 12.3398, 8.7963
Hunter-Lab	53.3509, 9.4577, -10.8961

Details

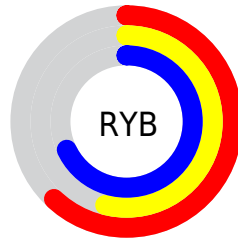
The Hex color **9E8AAD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **99AD8A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D5BFE4**, and **6A5879** is the 20% darker color. If you saturate the color by 10%, you get **9779AD**, and if you desaturate by 10%, it is **A59BAD**.

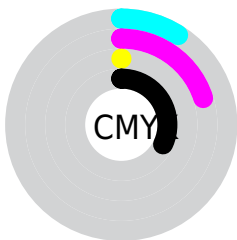
Distribution



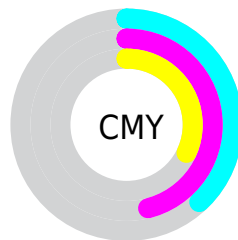
- Red (62%)
- Green (54%)
- Blue (68%)



- Red (62%)
- Yellow (54%)
- Blue (68%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (38%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E8AAD 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 9E8AAD by changing the saturation by 10% instead.

9E8AAD

9E8AAD

FFFFFF

847192

D5BFE4

6A5879

F1DBFF

524160

FFF8FF

3B2A48

241631

12001D

000000

9E8AAD

9E8AAD

9779AD

A59BAD

8F67AD

ADADAD

8856AD

B4BEAD

8045AD

BCCFAD

7933AD

C3E1AD

7222AD

CAF2AD

6A11AD

D2FFAD

6300AD

D9FFAD

E1FFAD

Harmonies

Analogous

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



8690B6



9E8AAD



B0859D

Triad

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



9E8AAD



A98C6E



5E9C99

Complementary

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



9E8AAD



99AD8A

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.



6D9B85



9E8AAD



97936D

Square

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



9E8AAD



B58779



829875



5D9AAA

Rectangle

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



9E8AAD



B68491



829875



629C92

Sweetspot

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



9E8AAD



DBD3E0



8A99AD



6D6870



F0F0F0



707070

Same Dimension

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



9E8AAD



C9ABE0



AD8AAB



534E57



560096



0D0017

Inverse Universe

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



AD8A99



E0ABC2



8AAD8C



574E52



960040



17000A

Previews

White Background



This preview shows how the Hex color 9E8AAD 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

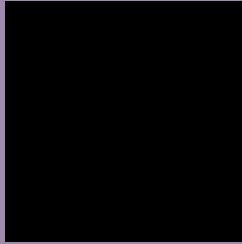
Any Text WCAG AA ✓ Pass

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 9E8AAD Background



This preview shows how black text looks on a background with the Hex color 9E8AAD.

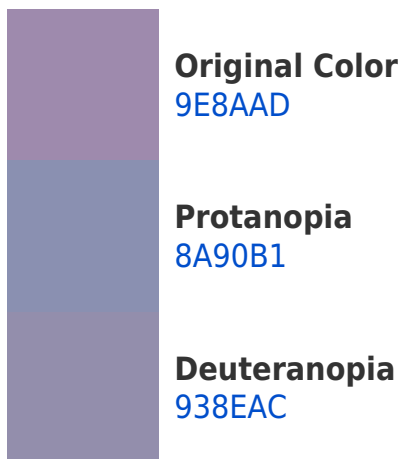


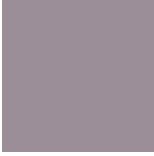
This preview shows how white text looks on a background with the Hex color 9E8AAD.

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
9B8E99

Trichromacy



Original Color
9E8AAD

Protanomaly
918EB0

Deuteranomaly
978DAC

Tritanomaly
9C8DA0

Monochromacy



Original Color
9E8AAD

Achromatopsia
949494

Achromatomaly
98909D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E8AAD 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 #9E8AAD looks like.

```
.text, #text, p{  
    color:#9E8AAD  
}
```

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 #9E8AAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8AAD
}
```

Border

The CSS property to change the border of an element to Hex 9E8AAD is called "border". The border property can be set on classes, ids or directly on the HTML element.

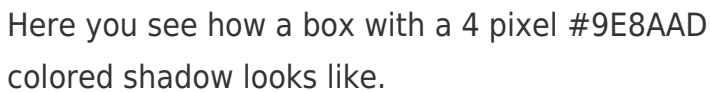
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E8AAD }
```

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

```
.border{ border-color:#9E8AAD }
```

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



Here you see how a box with a 4 pixel #9E8AAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8AAD; -webkit-box-shadow:4px 4px  
4px 4px #9E8AAD; box-shadow:4px 4px 4px  
4px #9E8AAD }
```

Background

The CSS property to change the background color of an element to Hex 9E8AAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8AAD }
```

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

```
.background{ background-color:#9E8AAD }
```

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