

Converting Colors

Hex(9A7DAA)

Have a look what the booklet for
Hex(9A7DAA) contains.

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Color

Hex(9A7DAA)

Conversions

Conversions Part 1

Format	Color
Hex	9A7DAA
RGB	154, 125, 170
RGB Percent	60%, 49%, 67%
CMY	0.3961, 0.5098, 0.3333
CMYK	0.09, 0.26, 0.00, 0.33
HSL	279°, 21%, 58%
HSV	279°, 26%, 67%
XYZ	27.9157, 24.4395, 41.2762
YIQ	138.8010, 2.8390, 20.1430

Conversions

Conversions Part 2

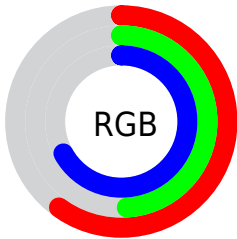
Format	Color
RYB	154, 125, 170
Decimal	10124714
CIELab	56.53, 19.75, -19.70
CIELCh	57, 27.898, 315.067
Yxy	24.4395, 0.2981, 0.2610
Android (android.graphics.Color)	4288314794 (0xFF9A7DAA)
YUV	138.8010, 15.3811, 13.3295
Hunter-Lab	49.4364, 14.2818, -14.8979

Details

The Hex color **9A7DAA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8DAA7D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D1B2E1**, and **664C76** is the 20% darker color. If you saturate the color by 10%, you get **946CAA**, and if you desaturate by 10%, it is **A08EAA**.

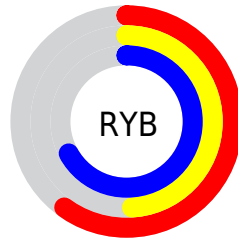
Distribution



Red (60%)

Green (49%)

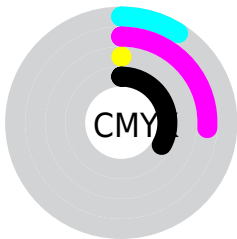
Blue (67%)



Red (60%)

Yellow (49%)

Blue (67%)

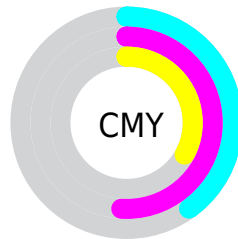


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (40%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7DAA 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 9A7DAA by changing the saturation by 10% instead.

9A7DAA

9A7DAA

FFFFFF

80648F

D1B2E1

664C76

EDCDFE

4E355D

FFEAFF

361F45

200A2F

00001A

000000

9A7DAA

9A7DAA

946CAA

A08EAA

8E5BAA

A69FAA

884AAA

ACB0AA

8239AA

B2C1AA

7C28AA

B8D2AA

7617AA

BEE3AA

7006AA

C4F4AA

6E00AA

CAFFAA

D0FFAA

Harmonies

Analogous

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



7986B6



9A7DAA



B07795

Triad

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



9A7DAA



A38259



3A9593

Complementary

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



9A7DAA



8DAA7D

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.



53947A



9A7DAA



8C8A58

Square

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



9A7DAA



B37A66



719065



3693A9

Rectangle

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



9A7DAA



B77584



719065



41958B

Sweetspot

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



9A7DAA



D8CCDE



7D8EAA



6C6570



F0F0F0



707070

Same Dimension

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



9A7DAA



C597DE



AA7DA4



514C54



5F0094



0D0014

Inverse Universe

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



AA7D8D



DE97B0



7DAA83



544C4F



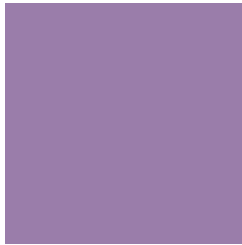
940035



140007

Previews

White Background



This preview shows how the Hex color 9A7DAA looks on a white background.

Color Contrast Check

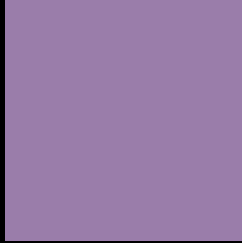
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A7DAA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

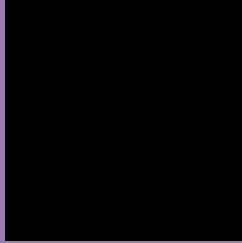
Any Text WCAG AA ✓ Pass

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 9A7DAA Background



This preview shows how black text looks on a background with the Hex color 9A7DAA.

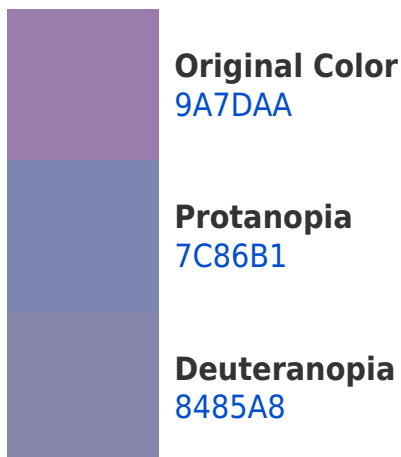



This preview shows how white text looks on a background with the Hex color 9A7DAA.

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
95828D

Trichromacy



Original Color
9A7DAA

Protanomaly
8783AE

Deuteranomaly
8C82A9

Tritanomaly
978098

Monochromacy



Original Color
9A7DAA

Achromatopsia
8B8B8B

Achromatomaly
908696

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7DAA 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 #9A7DAA looks like.

```
.text, #text, p{  
    color:#9A7DAA  
}
```

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 #9A7DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7DAA
}
```

Border

The CSS property to change the border of an element to Hex 9A7DAA 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
#9A7DAA }
```

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

```
.border{ border-color:#9A7DAA }
```

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

Here you see how a box with a 4 pixel #9A7DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7DAA; -webkit-box-shadow:4px 4px  
4px 4px #9A7DAA; box-shadow:4px 4px 4px  
4px #9A7DAA }
```

Background

The CSS property to change the background color of an element to Hex 9A7DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7DAA }
```

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

```
.background{ background-color:#9A7DAA }
```

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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