

Converting Colors

Hex(9A7AEB)

Have a look what the booklet for
Hex(9A7AEB) contains.

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Color

Hex(9A7AEB)

Conversions

Conversions Part 1

Format	Color
Hex	9A7AEB
RGB	154, 122, 235
RGB Percent	60%, 48%, 92%
CMY	0.3961, 0.5216, 0.0784
CMYK	0.34, 0.48, 0.00, 0.08
HSL	257°, 74%, 70%
HSV	257°, 48%, 92%
XYZ	35.2814, 26.7873, 81.9082
YIQ	144.4500, -17.2010, 41.9270

Conversions

Conversions Part 2

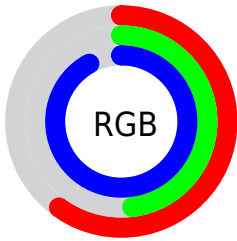
Format	Color
RYB	154, 122, 235
Decimal	10124011
CIELab	58.78, 37.03, -52.97
CIELCh	59, 64.627, 304.954
Yxy	26.7873, 0.2450, 0.1861
Android (android.graphics.Color)	4288314091 (0xFF9A7AEB)
YUV	144.4500, 44.6412, 8.3754
Hunter-Lab	51.7564, 31.1064, -57.6012

Details

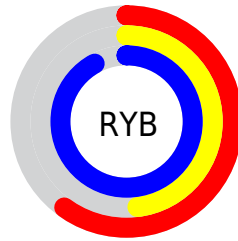
The Hex color **9A7AEB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **CBEB7A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D3AFFF**, and **6248B2** is the 20% darker color. If you saturate the color by 10%, you get **8962EB**, and if you desaturate by 10%, it is **AB92EB**.

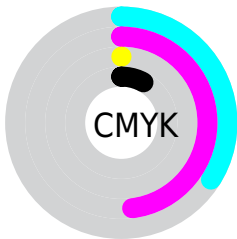
Distribution



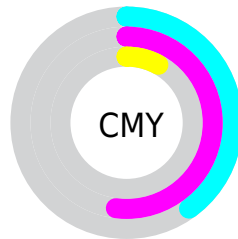
- Red (60%)
- Green (48%)
- Blue (92%)



- Red (60%)
- Yellow (48%)
- Blue (92%)



- Cyan (34%)
- Magenta (48%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (52%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7AEB 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 9A7AEB by changing the saturation by 10% instead.

 9A7AEB

 9A7AEB

FFFFFF

 7E61CE

 D3AFFF

 6248B2

 F1CBFF

 463197

 FFE7FF

 291A7D

 000463

 00004B

 000433

 00021D

 000000

 9A7AEB

 9A7AEB

 8962EB

 AB92EB

 784BEB

 BCA9EB

 6734EB

 CDC1EB

 571CEB

 DDD8EB

 4604EB

 EEFOEB

 4300EB

 FFFFEB

Harmonies

Analogous

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



0091FF



9A7AEB



D960BE

Triad

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



9A7AEB



CE781F



00A895

Complementary

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



9A7AEB



CBEB7A

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.



00A45B



9A7AEB



A08E00

Square

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



9A7AEB



EC6050



659C25



00A7CD

Rectangle

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



9A7AEB



ED5599



659C25



00A782

Sweetspot

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



9A7AEB



E5DBFF



7ACDEB



706A80



000000



808080

Same Dimension

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



9A7AEB



956BFF



D17AEB



6D6A75



3300B5



0F0036

Inverse Universe

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



EB7ACB



FF6BD5



94EB7A



756A72



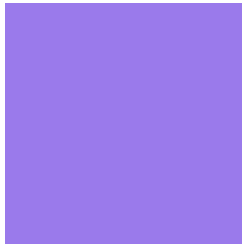
B50082



360026

Previews

White Background



This preview shows how the Hex color 9A7AEB looks on a white background.

Color Contrast Check

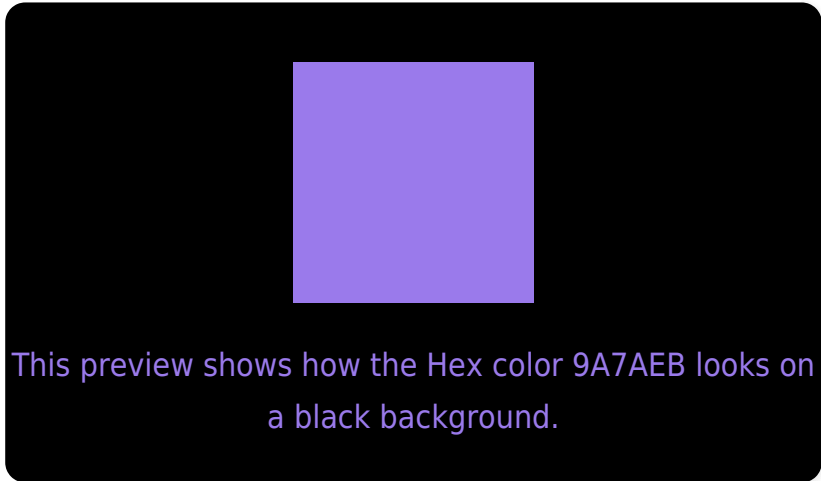
Large Text (above 18pt) WCAG AA ✓ Pass

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

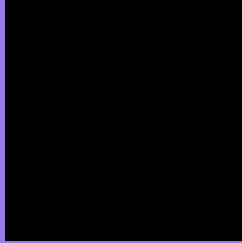
Any Text WCAG AA ✓ Pass

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 9A7AEB Background



This preview shows how black text looks on a background with the Hex color 9A7AEB.

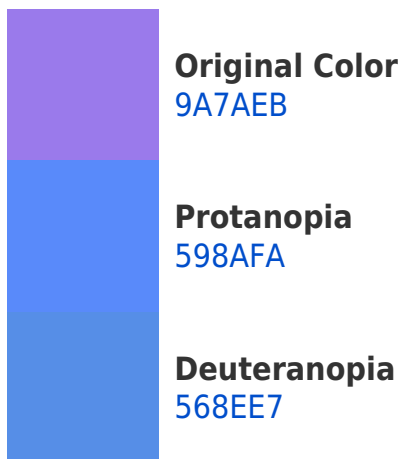


This preview shows how white text looks on a background with the Hex color 9A7AEB.

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](#).

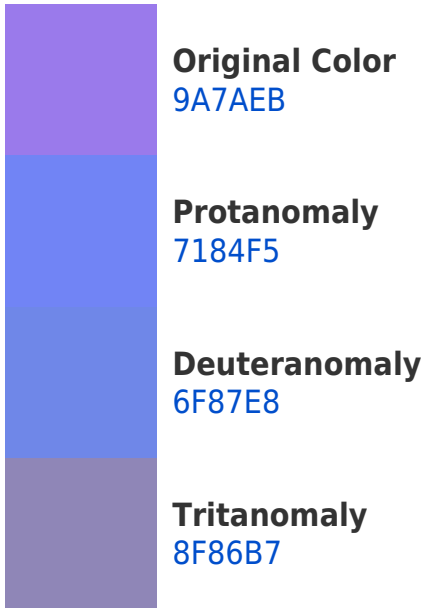
Dichromacy



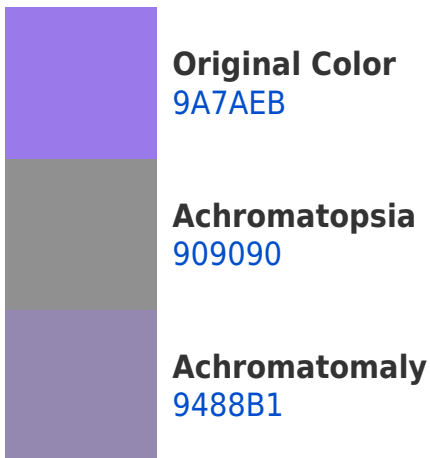


Tritanopia
898D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7AEB 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 #9A7AEB looks like.

```
.text, #text, p{  
    color:#9A7AEB  
}
```

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 #9A7AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7AEB
}
```

Border

The CSS property to change the border of an element to Hex 9A7AEB is called "border". The border property can be set on classes, ids or directly on the HTML element.

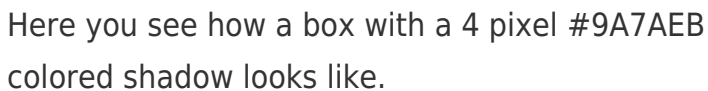
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A7AEB }
```

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

```
.border{ border-color:#9A7AEB }
```

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



Here you see how a box with a 4 pixel #9A7AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7AEB; -webkit-box-shadow:4px 4px  
4px 4px #9A7AEB; box-shadow:4px 4px 4px  
4px #9A7AEB }
```

Background

The CSS property to change the background color of an element to Hex 9A7AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7AEB }
```

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

```
.background{ background-color:#9A7AEB }
```

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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