

Converting Colors

Hex(9F9AED)

Have a look what the booklet for
Hex(9F9AED) contains.

Hex(9F9AED)	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(9F9AED)

Conversions

Conversions Part 1

Format	Color
Hex	9F9AED
RGB	159, 154, 237
RGB Percent	62%, 60%, 93%
CMY	0.3765, 0.3961, 0.0706
CMYK	0.33, 0.35, 0.00, 0.07
HSL	244°, 70%, 77%
HSV	244°, 35%, 93%
XYZ	41.1397, 36.5966, 85.0163
YIQ	164.9570, -23.6630, 26.8730

Conversions

Conversions Part 2

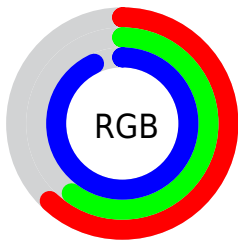
Format	Color
R _Y B	159, 154, 237
Decimal	10459885
CIE Lab	66.97, 20.58, -41.11
CIE LCh	67, 45.971, 296.590
Yxy	36.5966, 0.2528, 0.2249
Android (android.graphics.Color)	4288649965 (0xFF9F9AED)
YUV	164.9570, 35.5172, -5.2243
Hunter-Lab	60.4951, 15.5227, -40.9762

Details

The Hex color **9F9AED** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E8ED9A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D8D0FF**, and **6967B5** is the 20% darker color. If you saturate the color by 10%, you get **8982ED**, and if you desaturate by 10%, it is **B5B2ED**.

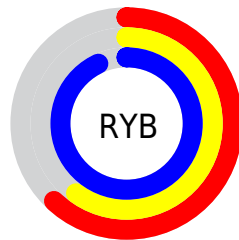
Distribution



Red (62%)

Green (60%)

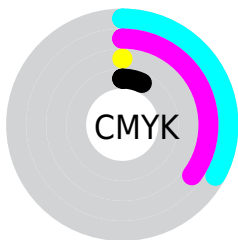
Blue (93%)



Red (62%)

Yellow (60%)

Blue (93%)

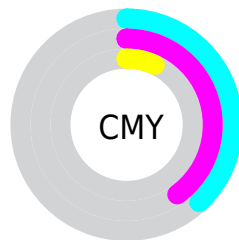


Cyan (33%)

Magenta (35%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (40%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F9AED 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 9F9AED by changing the saturation by 10% instead.

■ 9F9AED

FFFFFF

■ D8D0FF

■ F5EDFF

■ 9F9AED

■ 8480D1

■ 6967B5

■ 4E4F9A

■ 33387F

■ 142366

■ 000F4D

■ 000036

■ 000220

■ 000003

 9F9AED

 9F9AED

 8982ED

 B5B2ED

 726BED

 CCC9ED

 5C53ED

 E2E1ED

 463BED

 F8F9ED

 3024ED

 FFFFED

 190CED

 0E00ED

Harmonies

Analogous

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



50A9F5



9F9AED



D28AD1

Triad

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



9F9AED



E0905F



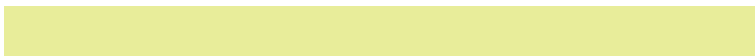
00B89D

Complementary

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



9F9AED



E8ED9A

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.



64B474



9F9AED



C09F4E

Square

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



9F9AED



F08480



97AC56



00B8C7

Rectangle

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



9F9AED



E783B7



97AC56



35B78E

Sweetspot

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



9F9AED



E5E3FF



9AE9ED



706F80



000000



808080

Same Dimension

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



9F9AED



9A94FF



C89AED



6A6A75



0B00B5



030036

Inverse Universe

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



ED9AE8



FF94F9



BFED9A



756A75



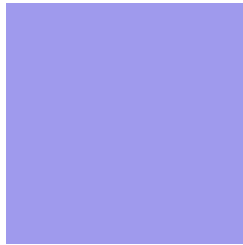
B500AA



360032

Previews

White Background



This preview shows how the Hex color 9F9AED looks on a white background.

Color Contrast Check

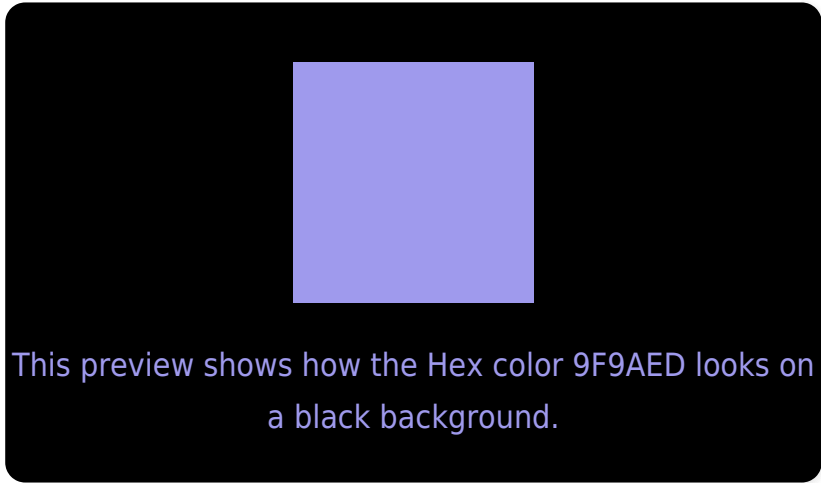
Large Text (above 18pt) WCAG AA × Fail

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

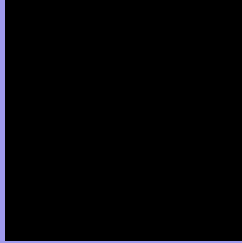
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9F9AED Background



This preview shows how black text looks on a background with the Hex color 9F9AED.



This preview shows how white text looks on a background with the Hex color 9F9AED.

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](#).

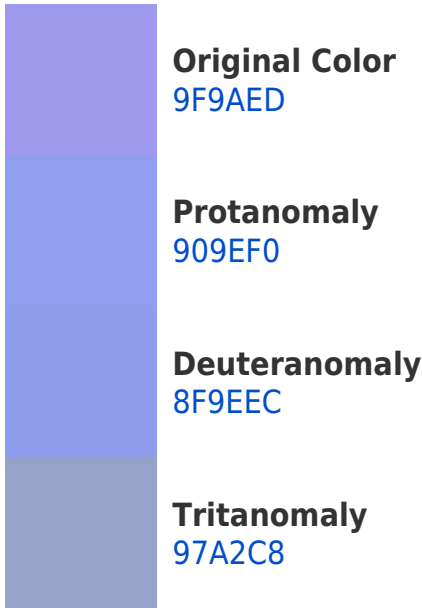
Dichromacy



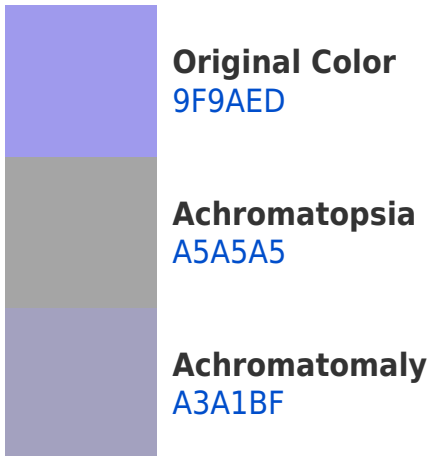


Tritanopia
93A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F9AED 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 #9F9AED looks like.

```
.text, #text, p{  
    color:#9F9AED  
}
```

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 #9F9AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9AED
}
```

Border

The CSS property to change the border of an element to Hex 9F9AED 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
#9F9AED }
```

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

```
.border{ border-color:#9F9AED }
```

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

Here you see how a box with a 4 pixel #9F9AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9AED; -webkit-box-shadow:4px 4px  
4px 4px #9F9AED; box-shadow:4px 4px 4px  
4px #9F9AED }
```

Background

The CSS property to change the background color of an element to Hex 9F9AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9AED }
```

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

```
.background{ background-color:#9F9AED }
```

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