

Converting Colors

Hex(9A9FC7)

Have a look what the booklet for
Hex(9A9FC7) contains.

Hex(9A9FC7)	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(9A9FC7)

Conversions

Conversions Part 1

Format	Color
Hex	9A9FC7
RGB	154, 159, 199
RGB Percent	60%, 62%, 78%
CMY	0.3961, 0.3765, 0.2196
CMYK	0.23, 0.20, 0.00, 0.22
HSL	233°, 29%, 69%
HSV	233°, 23%, 78%
XYZ	36.0334, 35.7898, 59.0418
YIQ	162.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

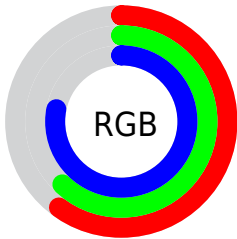
Format	Color
RYB	154, 159, 199
Decimal	10133447
CIELab	66.36, 6.88, -21.09
CIELCh	66, 22.186, 288.064
Yxy	35.7898, 0.2753, 0.2735
Android (android.graphics.Color)	4288323527 (0xFF9A9FC7)
YUV	162.0650, 18.2090, -7.0730
Hunter-Lab	59.8246, 2.8205, -16.6370

Details

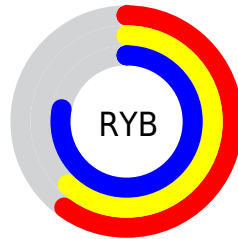
The Hex color **9A9FC7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7C29A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D1D6FF**, and **666C91** is the 20% darker color. If you saturate the color by 10%, you get **868DC7**, and if you desaturate by 10%, it is **AEB1C7**.

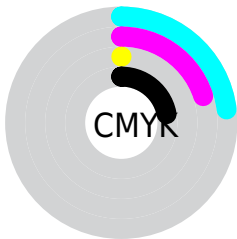
Distribution



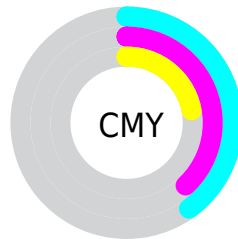
- Red (60%)
- Green (62%)
- Blue (78%)



- Red (60%)
- Yellow (62%)
- Blue (78%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9FC7 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 9A9FC7 by changing the saturation by 10% instead.

■ 9A9FC7

■ 9A9FC7

FFFFFF

■ 8085AC

■ D1D6FF

■ 666C91

■ EDF2FF

■ 4D5477

■ 353D5E

■ 1E2747

■ 061330

■ 00011B

■ 000000

■ 9A9FC7

■ 9A9FC7

868DC7

AEB1C7

727CC7

C2C2C7

5E6AC7

D6D4C7

4A58C7

EAE6C7

3647C7

FEF7C7

2335C7

FFFFC7

0F23C7

0016C7

Harmonies

Analogous

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



7FA6C8



9A9FC7



B398BC

Triad

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



9A9FC7



C69785



77AC98

Complementary

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



9A9FC7



C7C29A

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.



8DA986



9A9FC7



B89D7B

Square

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



9A9FC7



CA9396



A4A47B



6AADAD

Rectangle

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



9A9FC7



C095B1



A4A47B



7EAB92

Sweetspot

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



9A9FC7



EDEFFF



9AC7C2



757680



000000



808080

Same Dimension

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



9A9FC7



BAC2FF



AB9AC7



5A5B63



0012A3



000424

Inverse Universe

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



C79A9F



FFBAC2



B6C79A



635A5B



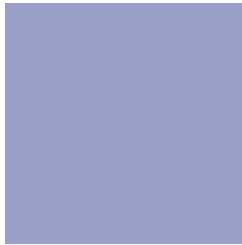
A30012



240004

Previews

White Background



This preview shows how the Hex color 9A9FC7 looks on a white background.

Color Contrast Check

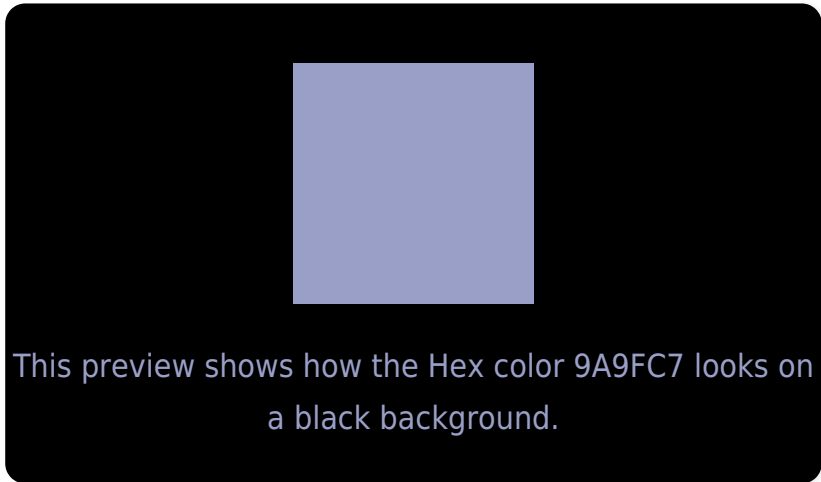
Large Text (above 18pt) WCAG AA × Fail

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

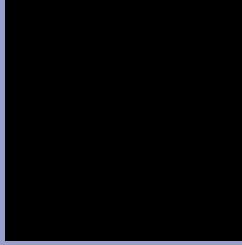
Any Text WCAG AA ✓ Pass

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 9A9FC7 Background



This preview shows how black text looks on a background with the Hex color 9A9FC7.



This preview shows how white text looks on a background with the Hex color 9A9FC7.

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



Original Color
9A9FC7

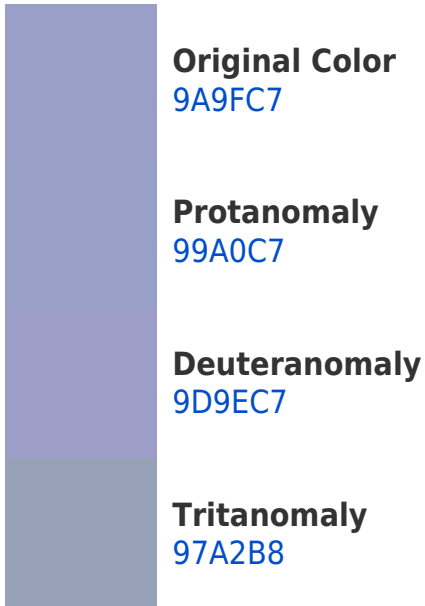
Protanopia
98A0C7

Deuteranopia
9E9EC7

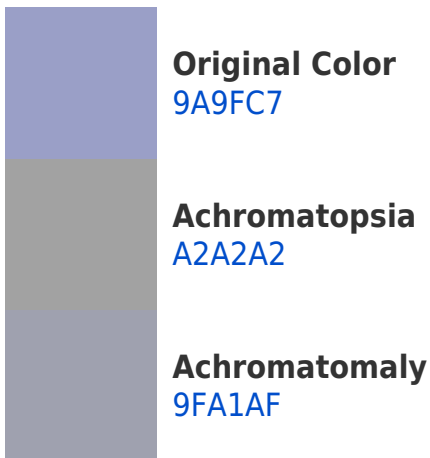


Tritanopia
96A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9FC7 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 #9A9FC7 looks like.

```
.text, #text, p{  
    color:#9A9FC7  
}
```

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 #9A9FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9FC7
}
```

Border

The CSS property to change the border of an element to Hex 9A9FC7 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
#9A9FC7 }
```

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

```
.border{ border-color:#9A9FC7 }
```

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

Here you see how a box with a 4 pixel #9A9FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9FC7; -webkit-box-shadow:4px 4px  
4px 4px #9A9FC7; box-shadow:4px 4px 4px  
4px #9A9FC7 }
```

Background

The CSS property to change the background color of an element to Hex 9A9FC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9FC7 }
```

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

```
.background{ background-color:#9A9FC7 }
```

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