

Converting Colors

Hex(9CAECF)

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

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Color

Hex(9CAECF)

Conversions

Conversions Part 1

Format	Color
Hex	9CAECF
RGB	156, 174, 207
RGB Percent	61%, 68%, 81%
CMY	0.3882, 0.3176, 0.1882
CMYK	0.25, 0.16, 0.00, 0.19
HSL	219°, 35%, 71%
HSV	219°, 25%, 81%
XYZ	40.1088, 41.8450, 64.9944
YIQ	172.3800, -21.3210, 6.4470

Conversions

Conversions Part 2

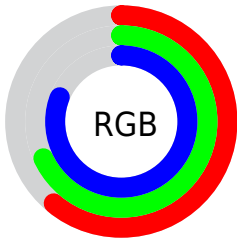
Format	Color
R _Y B	156, 169, 207
Decimal	10268367
CIE Lab	70.76, 1.05, -18.80
CIE LCh	71, 18.834, 273.200
Yxy	41.8450, 0.2729, 0.2848
Android (android.graphics.Color)	4288458447 (0xFF9CAECF)
YUV	172.3800, 17.0677, -14.3653
Hunter-Lab	64.6877, -2.5268, -14.2897

Details

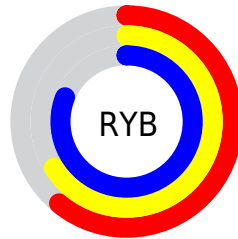
The Hex color **9CAECF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFBD9C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D3E5FF**, and **687A99** is the 20% darker color. If you saturate the color by 10%, you get **87A1CF**, and if you desaturate by 10%, it is **B1BBCF**.

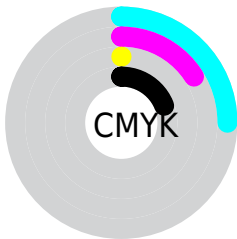
Distribution



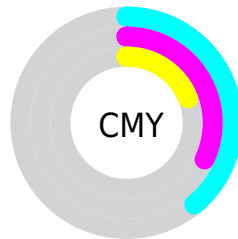
- Red (61%)
- Green (68%)
- Blue (81%)



- Red (61%)
- Yellow (66%)
- Blue (81%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (39%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

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

■ 9CAECF

■ 9CAECF

FFFFFF

■ 8193B3

■ D3E5FF

■ 687A99

■ F0FFFF

■ 4F617F

■ 374966

■ 1F334D

■ 051E37

■ 000421

■ 000007

■ 000000

 9CAECF

 9CAECF

 87A1CF

 B1BBCF

 7393CF

 C5C9CF

 5E86CF

 DAD6CF

 4978CF

 EFE4CF

 356BCF

 FFF1CF

 205ECF

 FFFECF

 0B50CF

 FFFF CF

 0049CF

Harmonies

Analogous

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



88B3CB



9CAECF



B3A8CA

Triad

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



9CAECF



D0A39B



92B69D

Complementary

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



9CAECF



CFBD9C

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.



A6B290



9CAECF



C8A78F

Square

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



9CAECF



D0A1AC



B9AD8B



83B7AE

Rectangle

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



9CAECF



C0A5C2



B9AD8B



99B598

Sweetspot

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



9CAECF



EDF3FF



9CCFBC



757980



000000



808080

Same Dimension

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



9CAECF



B3CEFF



A39CCF



5E6269



003BA8



000E29

Inverse Universe

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



CF9CAE



FFB3CD



C8CF9C



695E62



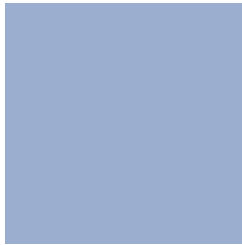
A8003B



29000E

Previews

White Background



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

Color Contrast Check

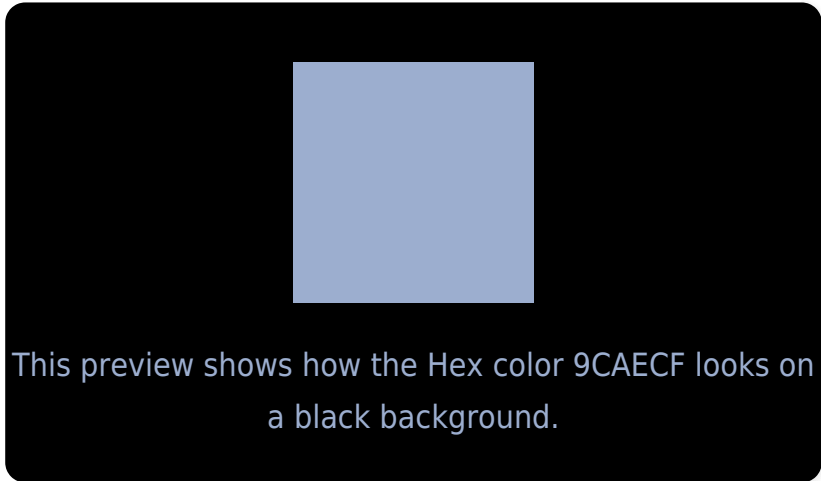
Large Text (above 18pt) WCAG AA × Fail

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

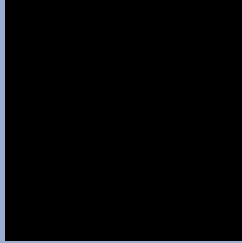
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

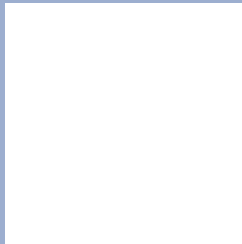
Any Text WCAG AAA ✓ Pass

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

Hex 9CAECF Background



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



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

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
9CAECF

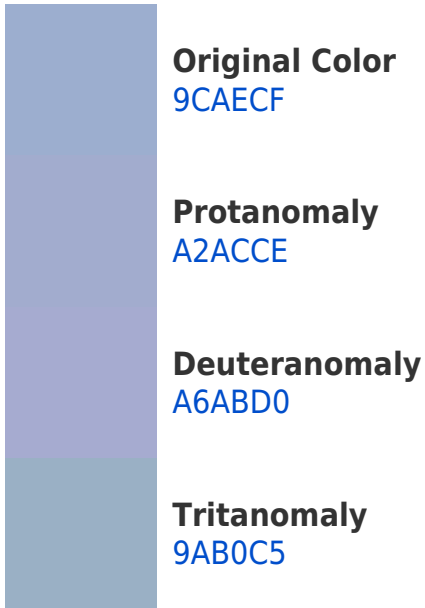
Protanopia
A6ABCD

Deuteranopia
ACA9D0

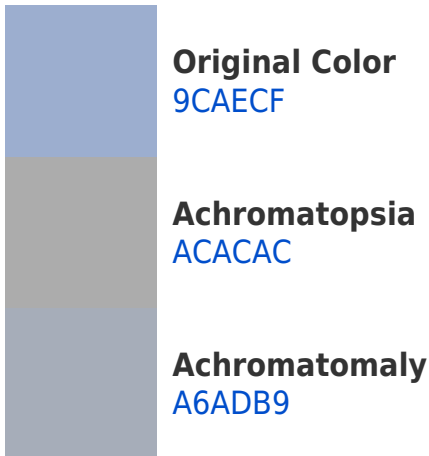


Tritanopia
99B1BF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9CAECF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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