

# Converting Colors

Hex(9CAACA)

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

<b>Hex(9CAACA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9CAACA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CAACA
RGB	156, 170, 202
RGB Percent	61%, 67%, 79%
CMY	0.3882, 0.3333, 0.2078
CMYK	0.23, 0.16, 0.00, 0.21
HSL	222°, 30%, 70%
HSV	222°, 23%, 79%
XYZ	38.7457, 40.0816, 61.5715
YIQ	169.4620, -18.6160, 6.9840

# Conversions

## Conversions Part 2

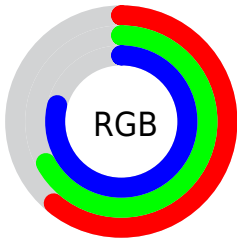
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 167, 202</a>
Decimal	<a href="#">10267338</a>
CIELab	<a href="#">69.53, 2.08, -17.93</a>
CIELCh	<a href="#">70, 18.047, 276.627</a>
Yxy	<a href="#">40.0816, 0.2760, 0.2855</a>
Android (android.graphics.Color)	<a href="#">4288457418 (0xFF9CAACA)</a>
YUV	<a href="#">169.4620, 16.0412, -11.8062</a>
Hunter-Lab	<a href="#">63.3101, -1.5508, -13.3448</a>

# Details

The Hex color **9CAACA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CABC9C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D3E1FF**, and **687694** is the 20% darker color. If you saturate the color by 10%, you get **889CCA**, and if you desaturate by 10%, it is **B0B8CA**.

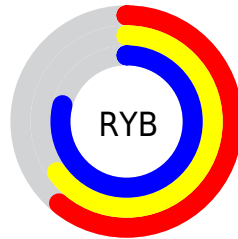
# Distribution



Red (61%)

Green (67%)

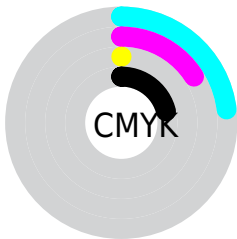
Blue (79%)



Red (61%)

Yellow (65%)

Blue (79%)

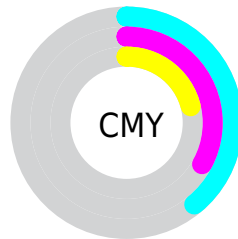


Cyan (23%)

Magenta (16%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (33%)

Yellow (21%)

# Brightness & Saturation Gradients

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



■ 9CAACA

■ 9CAACA

FFFFFF

■ 8290AF

■ D3E1FF

■ 687694

■ F0FEFF

■ 4F5D7A

■ 374661

■ 203049

■ 071B33

■ 00021E

■ 000000

■ 9CAACA

■ 9CAACA

■ 889CCA

■ B0B8CA

■ 748ECA

■ C4C6CA

■ 5F80CA

■ D9D4CA

■ 4B72CA

■ EDE2CA

■ 3764CA

■ FFF0CA

■ 2356CA

■ FFFECA

■ 0F48CA

■ FFFFCA

■ 003DCA

# Harmonies

## Analogous

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



89AFC7



9CAACA



B1A4C4

# Triad

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



9CAACA



CBA097



8EB29C

# Complementary

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



9CAACA



CABC9C

# 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.



A0AF8F



9CAACA



C2A48C

# Square

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



9CAACA



CB9EA7



B3AA89



81B3AD

# Rectangle

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



9CAACA



BDA1BC



B3AA89



94B197

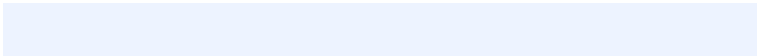


# Sweetspot

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



9CAACA



EDF3FF



9CCABB



757880



000000



808080



# Same Dimension

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



9CAACA



BACFFF



A49CCA



5C5F66



0032A6



000C26



# Inverse Universe

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



CA9CAA



FFBACF



C2CA9C



665C5F



A60032

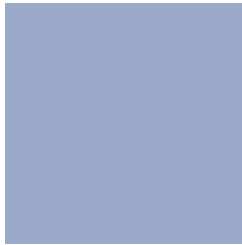


26000C



# Previews

## White Background



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

## Color Contrast Check

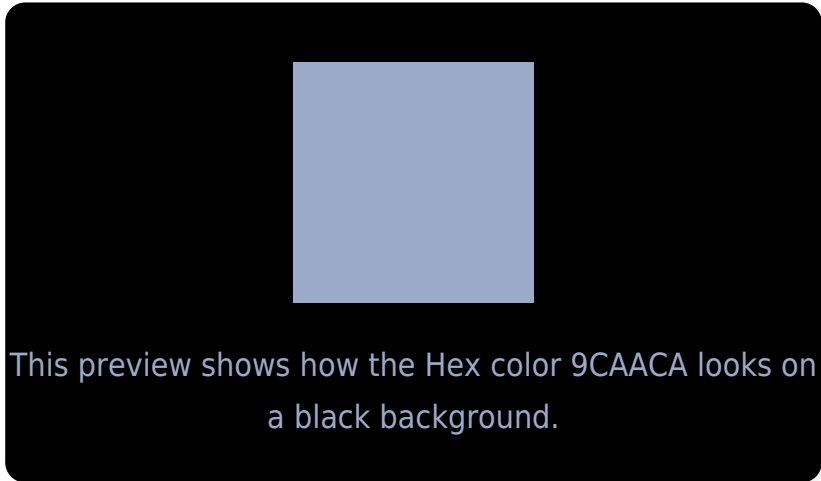
Large Text (above 18pt) WCAG AA × Fail

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

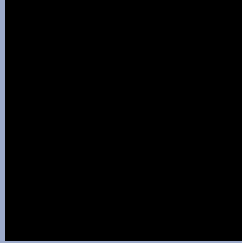
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

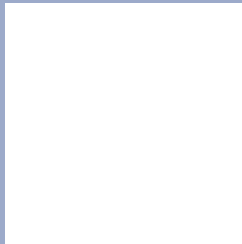
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CAACA Background



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



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

# 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



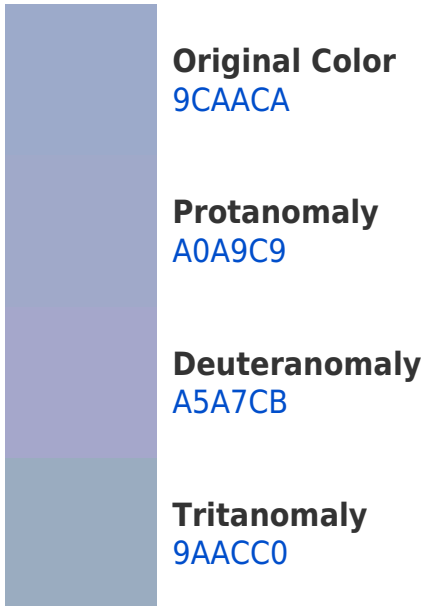
**Original Color**  
9CAACA

**Protanopia**  
A3A8C9

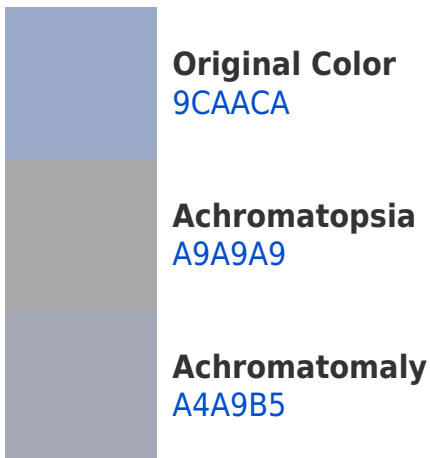
**Deuteranopia**  
AAA6CB



# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9CAACA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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