

Converting Colors

Hex(9CA5AB)

Have a look what the booklet for
Hex(9CA5AB) contains.

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Color

Hex(9CA5AB)

Conversions

Conversions Part 1

Format	Color
Hex	9CA5AB
RGB	156, 165, 171
RGB Percent	61%, 65%, 67%
CMY	0.3882, 0.3529, 0.3294
CMYK	0.09, 0.04, 0.00, 0.33
HSL	204°, 8%, 64%
HSV	204°, 9%, 67%
XYZ	34.5161, 36.9185, 43.8349
YIQ	162.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

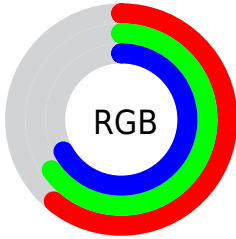
Format	Color
RYB	156, 162, 171
Decimal	10266027
CIELab	67.22, -1.97, -4.20
CIElCh	67, 4.640, 244.933
Yxy	36.9185, 0.2994, 0.3203
Android (android.graphics.Color)	4288456107 (0xFF9CA5AB)
YUV	162.9930, 3.9475, -6.1329
Hunter-Lab	60.7606, -4.9309, -0.2415

Details

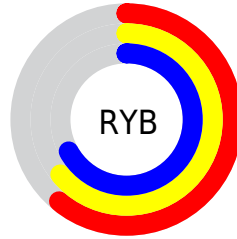
The Hex color **9CA5AB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ABA29C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D3DCE2**, and **697177** is the 20% darker color. If you saturate the color by 10%, you get **8B9EAB**, and if you desaturate by 10%, it is **ADACAB**.

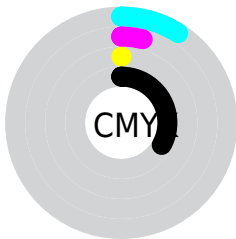
Distribution



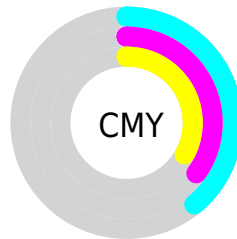
- Red (61%)
- Green (65%)
- Blue (67%)



- Red (61%)
- Yellow (64%)
- Blue (67%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA5AB 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 9CA5AB by changing the saturation by 10% instead.

■ 9CA5AB

■ 9CA5AB

FFFFFF

■ 828B91

■ D3DCE2

■ 697177

■ EFF8FF

■ 51595E

■ 3A4147

■ 242B30

■ 0F171B

■ 000000

■ 9CA5AB

■ 9CA5AB

■ 8B9EAB

■ ADACAB

7A97AB

BEB3AB

6990AB

CFBAAB

588AAB

E0C0AB

4783AB

F1C7AB

357CAB

FFCEAB

2475AB

FFD5AB

136EAB

FFDCAB

0267AB

FFE3AB

Harmonies

Analogous

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



9AA6A8



9CA5AB



A0A4AC

Triad

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



9CA5AB



ADA1A3



A2A59D

Complementary

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



9CA5AB



ABA29C

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.



A7A49B



9CA5AB



ADA19F

Square

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



9CA5AB



AAA1A7



ABA29C



9DA6A0

Rectangle

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



9CA5AB



A4A3AB



ABA29C



A3A49C

Sweetspot

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



9CA5AB



D7DBDE



9CABA2



6C6E70



F0F0F0



707070

Same Dimension

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



9CA5AB



C5D4DE



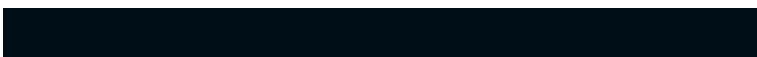
9C9EAB



4E5357



005A96



000E17

Inverse Universe

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



AB9CA5



DEC5D4



ABA99C



574E53



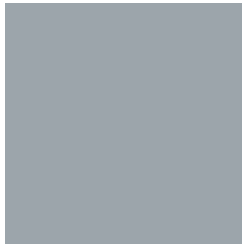
96005A



17000E

Previews

White Background



This preview shows how the Hex color 9CA5AB looks on a white background.

Color Contrast Check

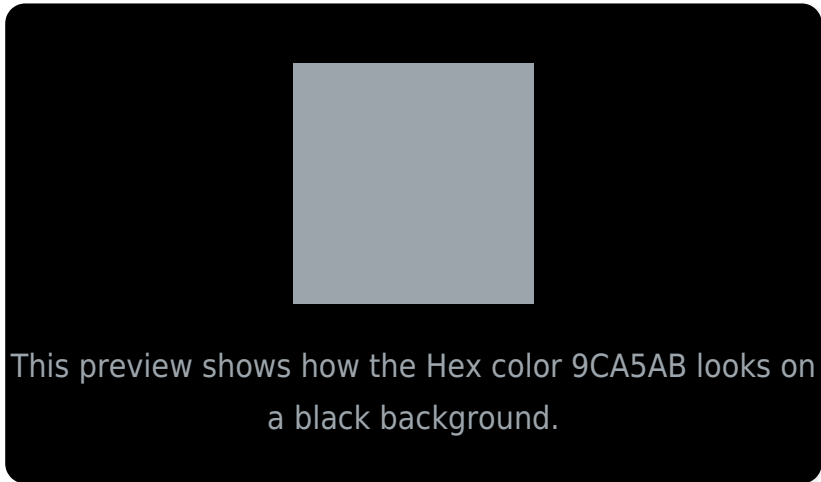
Large Text (above 18pt) WCAG AA × Fail

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

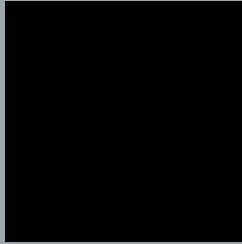
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

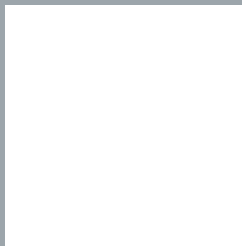
Any Text WCAG AAA ✓ Pass

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

Hex 9CA5AB Background



This preview shows how black text looks on a background with the Hex color 9CA5AB.



This preview shows how white text looks on a background with the Hex color 9CA5AB.

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
9CA5AB

Protanopia
A5A3AA

Deuteranopia
AF9FAC



Tritanopia
9DA4B1

Trichromacy



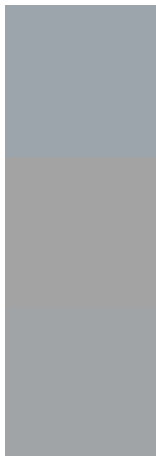
Original Color
9CA5AB

Protanomaly
A2A4AA

Deuteranomaly
A8A1AC

Tritanomaly
9DA4AF

Monochromacy



Original Color
9CA5AB

Achromatopsia
A3A3A3

Achromatomaly
A0A4A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA5AB 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 #9CA5AB looks like.

```
.text, #text, p{  
    color:#9CA5AB  
}
```

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 #9CA5AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA5AB  
}
```

Border

The CSS property to change the border of an element to Hex 9CA5AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

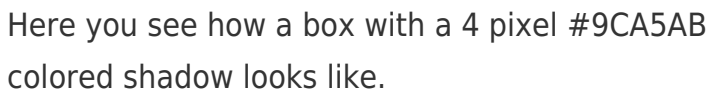
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9CA5AB }
```

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

```
.border{ border-color:#9CA5AB }
```

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



Here you see how a box with a 4 pixel #9CA5AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA5AB; -webkit-box-shadow:4px 4px  
4px 4px #9CA5AB; box-shadow:4px 4px 4px  
4px #9CA5AB }
```

Background

The CSS property to change the background color of an element to Hex 9CA5AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA5AB }
```

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

```
.background{ background-color:#9CA5AB }
```

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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