

Converting Colors

Hex(9AA0C1)

Have a look what the booklet for
Hex(9AA0C1) contains.

| | |
|--|----|
| Hex(9AA0C1) | 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(9AA0C1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9AA0C1 |
| RGB | 154, 160, 193 |
| RGB Percent | 60%, 63%, 76% |
| CMY | 0.3961, 0.3725, 0.2431 |
| CMYK | 0.20, 0.17, 0.00, 0.24 |
| HSL | 231°, 24%, 68% |
| HSV | 231°, 20%, 76% |
| XYZ | 35.5229, 35.8619, 55.5019 |
| YIQ | 161.9680, -14.1690, 8.9910 |

Conversions

Conversions Part 2

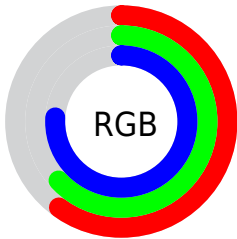
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 154, 159, 193 |
| Decimal | 10133697 |
| CIELab | 66.41, 4.92, -17.67 |
| CIELCh | 66, 18.344, 285.572 |
| Yxy | 35.8619, 0.2800, 0.2826 |
| Android (android.graphics.Color) | 4288323777 (0xFF9AA0C1) |
| YUV | 161.9680, 15.2988, -6.9879 |
| Hunter-Lab | 59.8848, 1.0854, -13.0312 |

Details

The Hex color **9AA0C1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C1BB9A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D1D7FA**, and **666D8B** is the 20% darker color. If you saturate the color by 10%, you get **8790C1**, and if you desaturate by 10%, it is **ADB0C1**.

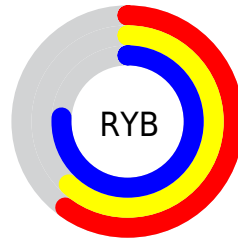
Distribution



Red (60%)

Green (63%)

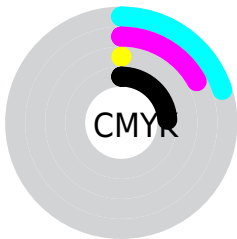
Blue (76%)



Red (60%)

Yellow (62%)

Blue (76%)

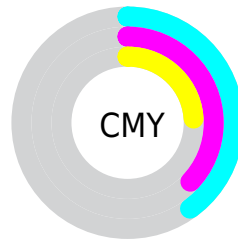


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA0C1 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 9AA0C1 by changing the saturation by 10% instead.



9AA0C1



9AA0C1

FFFFFF



8086A6



D1D7FA



666D8B



EDF3FF



4E5472



363D59



1F2842



09132C



000117



000000



9AA0C1



9AA0C1

8790C1

ADB0C1

737FC1

C1C1C1

606FC1

D4D1C1

4D5FC1

E7E1C1

394EC1

FBF2C1

263EC1

FFFFC1

132EC1

001EC1

Harmonies

Analogous

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



85A5C1



9AA0C1



AF9BB9

Triad

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



9AA0C1



C1998B



81AA99

Complementary

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



9AA0C1



C1BB9A

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.



92A88A



9AA0C1



B69E82

Square

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



9AA0C1



C49699



A5A382



76ABAA

Rectangle

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



9AA0C1



BA98AF



A5A382



86AA93

Sweetspot

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



9AA0C1



EBEDFA



9AC1BB



74767D



FCFCFC



7D7D7D

Same Dimension

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



9AA0C1



BEC7FA



A79AC1



575961



0019A1



000521

Inverse Universe

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



C19AA0



FABEC7



B4C19A



615759



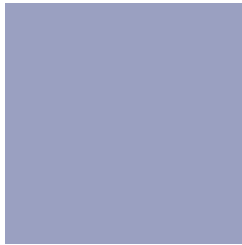
A10019



210005

Previews

White Background



This preview shows how the Hex color 9AA0C1 looks on a white background.

Color Contrast Check

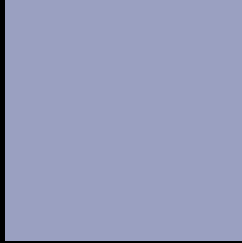
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9AA0C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

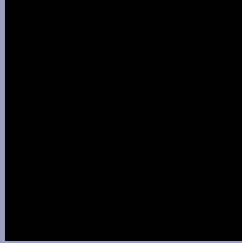
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

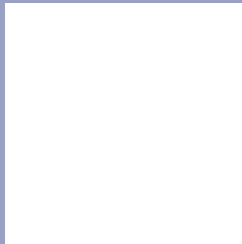
Any Text WCAG AAA ✓ Pass

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

Hex 9AA0C1 Background



This preview shows how black text looks on a background with the Hex color 9AA0C1.



This preview shows how white text looks on a background with the Hex color 9AA0C1.

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
9AA0C1

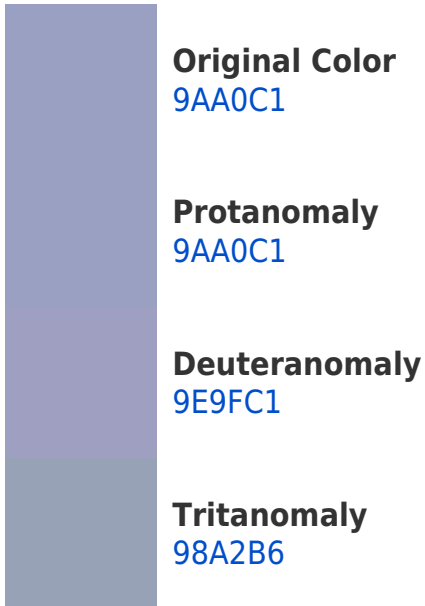
Protanopia
9AA0C1

Deuteranopia
A19EC1

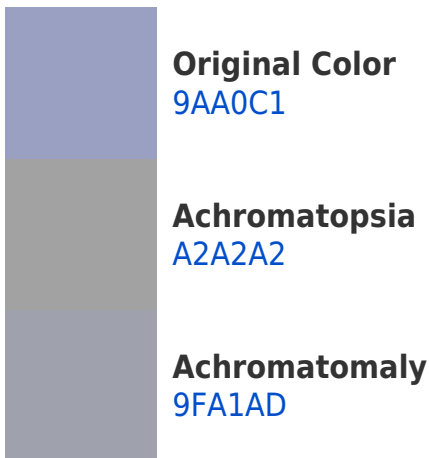


Tritanopia
97A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA0C1 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 #9AA0C1 looks like.

```
.text, #text, p{  
    color:#9AA0C1  
}
```

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 #9AA0C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA0C1
}
```

Border

The CSS property to change the border of an element to Hex 9AA0C1 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
#9AA0C1 }
```

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

```
.border{ border-color:#9AA0C1 }
```

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

Here you see how a box with a 4 pixel #9AA0C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA0C1; -webkit-box-shadow:4px 4px  
4px 4px #9AA0C1; box-shadow:4px 4px 4px  
4px #9AA0C1 }
```

Background

The CSS property to change the background color of an element to Hex 9AA0C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA0C1 }
```

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

```
.background{ background-color:#9AA0C1 }
```

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