

Converting Colors

Hex(9BC3CA)

Have a look what the booklet for
Hex(9BC3CA) contains.

Hex(9BC3CA)	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(9BC3CA)

Conversions

Conversions Part 1

Format	Color
Hex	9BC3CA
RGB	155, 195, 202
RGB Percent	61%, 76%, 79%
CMY	0.3922, 0.2353, 0.2078
CMYK	0.23, 0.03, 0.00, 0.21
HSL	189°, 31%, 70%
HSV	189°, 23%, 79%
XYZ	43.6933, 50.2630, 63.2760
YIQ	183.8380, -26.0870, -6.3030

Conversions

Conversions Part 2

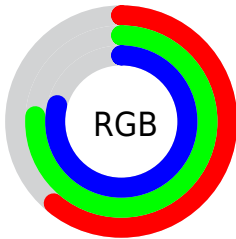
Format	Color
RYB	155, 177, 202
Decimal	10208202
CIELab	76.23, -11.66, -7.88
CIElCh	76, 14.071, 214.067
Yxy	50.2630, 0.2779, 0.3197
Android (android.graphics.Color)	4288398282 (0xFF9BC3CA)
YUV	183.8380, 8.9539, -25.2909
Hunter-Lab	70.8964, -14.0595, -3.2896

Details

The Hex color **9BC3CA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CAA29B**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D2FCFF**, and **678D94** is the 20% darker color. If you saturate the color by 10%, you get **87C0CA**, and if you desaturate by 10%, it is **AFC6CA**.

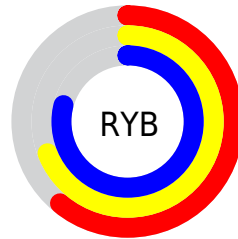
Distribution



Red (61%)

Green (76%)

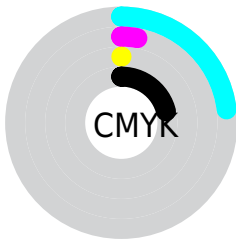
Blue (79%)



Red (61%)

Yellow (69%)

Blue (79%)

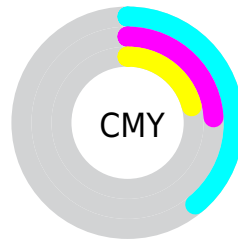


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BC3CA 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 9BC3CA by changing the saturation by 10% instead.

 9BC3CA

 9BC3CA

FFFFFF

 80A8AF

 D2FCFF

 678D94

 EFFFFFF

 4D747A

 355B61

 1D444A

 022D33

 00191E

 000003

 000000

■ 9BC3CA

■ 9BC3CA

■ 87C0CA

■ AFC6CA

■ 73BDCA

■ C3C9CA

■ 5EBACA

■ D8CCCA

■ 4AB7CA

■ ECCFCA

■ 36B4CA

■ FFD2CA

■ 22B1CA

■ FFD5CA

■ 0EAECA

■ FFD8CA

■ 00ACCA

■ FFD8CA

■ FFDECA

Harmonies

Analogous

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



9DC4BD



9BC3CA



A2C0D3

Triad

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



9BC3CA



CFB5C8



C5BCA2

Complementary

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



9BC3CA



CAA29B

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.



D1B7A5



9BC3CA



D7B3BB

Square

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



9BC3CA



C1B8D1



D7B4AE



B6C0A6

Rectangle

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



9BC3CA



ABBED5



D7B4AE



C9BAA2

Sweetspot

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



9BC3CA



EDFCFF



9BCAA1



757E80



000000



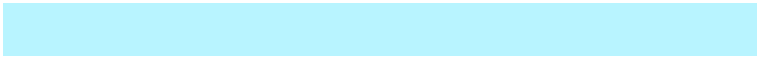
808080

Same Dimension

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



9BC3CA



B8F4FF



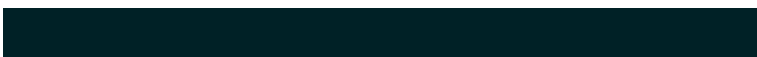
9BACCA



5C6466



008DA6



002126

Inverse Universe

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



CA9BC3



FFB8F4



CAB99B



665C64



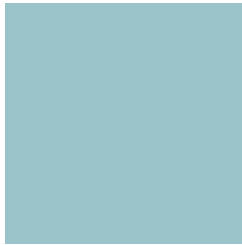
A6008D



260021

Previews

White Background



This preview shows how the Hex color 9BC3CA looks on a white background.

Color Contrast Check

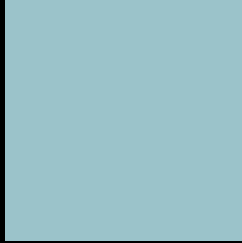
Large Text (above 18pt) WCAG AA × Fail

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 9BC3CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

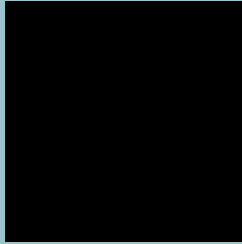
Any Text WCAG AA ✓ Pass

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 9BC3CA Background



This preview shows how black text looks on a background with the Hex color 9BC3CA.

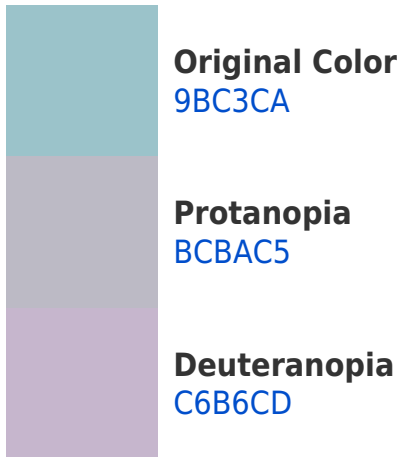


This preview shows how white text looks on a background with the Hex color 9BC3CA.

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



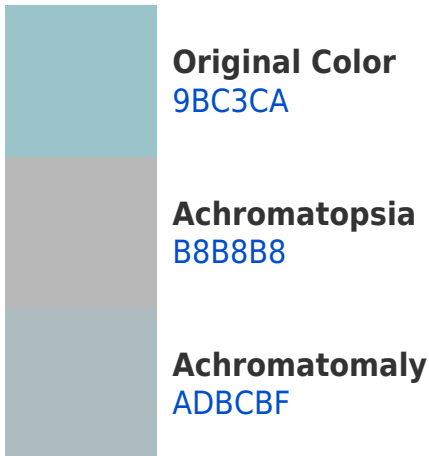


Tritanopia
9DC2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BC3CA 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 #9BC3CA looks like.

```
.text, #text, p{  
    color:#9BC3CA  
}
```

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 #9BC3CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC3CA
}
```

Border

The CSS property to change the border of an element to Hex 9BC3CA 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
#9BC3CA }
```

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

```
.border{ border-color:#9BC3CA }
```

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

Here you see how a box with a 4 pixel #9BC3CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC3CA; -webkit-box-shadow:4px 4px  
4px 4px #9BC3CA; box-shadow:4px 4px 4px  
4px #9BC3CA }
```

Background

The CSS property to change the background color of an element to Hex 9BC3CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC3CA }
```

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

```
.background{ background-color:#9BC3CA }
```

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