

Converting Colors

Hex(9BC6C9)

Have a look what the booklet for
Hex(9BC6C9) contains.

Hex(9BC6C9)	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(9BC6C9)

Conversions

Conversions Part 1

Format	Color
Hex	9BC6C9
RGB	155, 198, 201
RGB Percent	61%, 78%, 79%
CMY	0.3922, 0.2235, 0.2118
CMYK	0.23, 0.01, 0.00, 0.21
HSL	184°, 30%, 70%
HSV	184°, 23%, 79%
XYZ	44.2543, 51.5738, 62.8806
YIQ	185.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

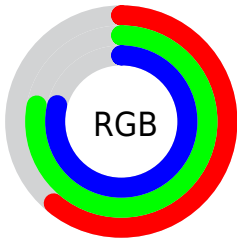
Format	Color
R _Y B	155, 177, 201
Decimal	10208969
CIE Lab	77.03, -13.44, -6.16
CIE LCh	77, 14.784, 204.639
Yxy	51.5738, 0.2788, 0.3250
Android (android.graphics.Color)	4288399049 (0xFF9BC6C9)
YUV	185.4850, 7.6489, -26.7353
Hunter-Lab	71.8149, -15.6795, -1.6435

Details

The Hex color **9BC6C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C99E9B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D2FFFF**, and **679093** is the 20% darker color. If you saturate the color by 10%, you get **87C5C9**, and if you desaturate by 10%, it is **AFC7C9**.

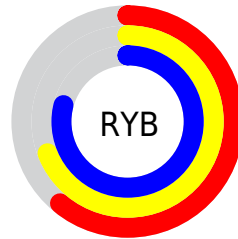
Distribution



Red (61%)

Green (78%)

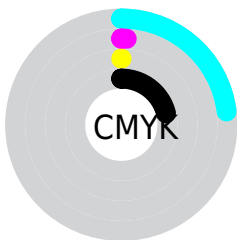
Blue (79%)



Red (61%)

Yellow (69%)

Blue (79%)

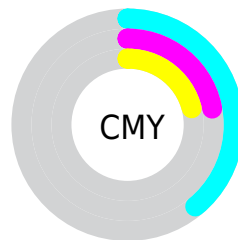


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (22%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BC6C9 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 9BC6C9 by changing the saturation by 10% instead.

■ 9BC6C9

■ 9BC6C9

FFFFFF

■ 80ABAE

■ D2FFFF

■ 679093

■ EFFFFFF

■ 4D7679

■ 355E61

■ 1C4649

■ 012F32

■ 001B1D

■ 000003

■ 000000

 9BC6C9

 9BC6C9

 87C5C9

 AFC7C9

 73C3C9

 C3C9C9

 5FC2C9

 D7CAC9

 4BC1C9

 EBCBC9

 36BFC9

 FFCDC9

 22BEC9

 FFCEC9

 0EBDC9

 FFCFC9

 00BCC9

 FFD0C9

 FFD2C9

Harmonies

Analogous

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



A1C6BB



9BC6C9



9FC4D4

Triad

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



9BC6C9



CEB7CE



CCBCA3

Complementary

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



9BC6C9



C99E9B

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.



D7B8A8



9BC6C9



D8B5C1

Square

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



9BC6C9



BEBBD7



DBB5B3



BDC1A5

Rectangle

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



9BC6C9



A7C1D8



DBB5B3



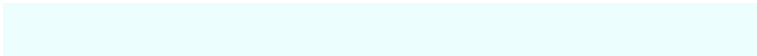
D0BBA4

Sweetspot

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



9BC6C9



EDFEFF



9BC99D



757F80



000000



808080

Same Dimension

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



9BC6C9



BAFBFF



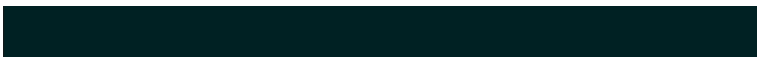
9BB0C9



5A6363



0099A3



002124

Inverse Universe

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



C99BC6



FFBAFB



C9B49B



635A63



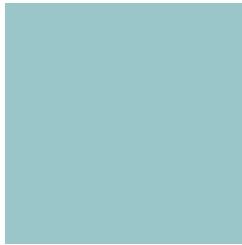
A30099



240021

Previews

White Background



This preview shows how the Hex color 9BC6C9 looks on a white background.

Color Contrast Check

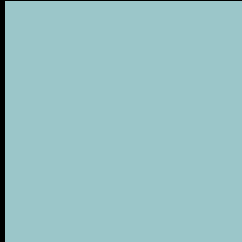
Large Text (above 18pt) WCAG AA × Fail

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 9BC6C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

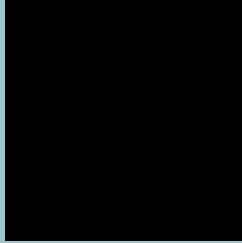
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

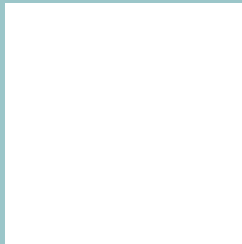
Any Text WCAG AAA ✓ Pass

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

Hex 9BC6C9 Background



This preview shows how black text looks on a background with the Hex color 9BC6C9.

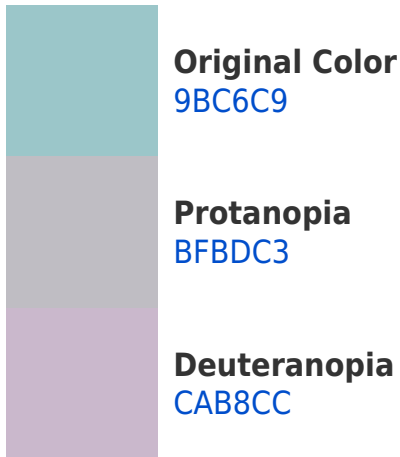


This preview shows how white text looks on a background with the Hex color 9BC6C9.

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](#).

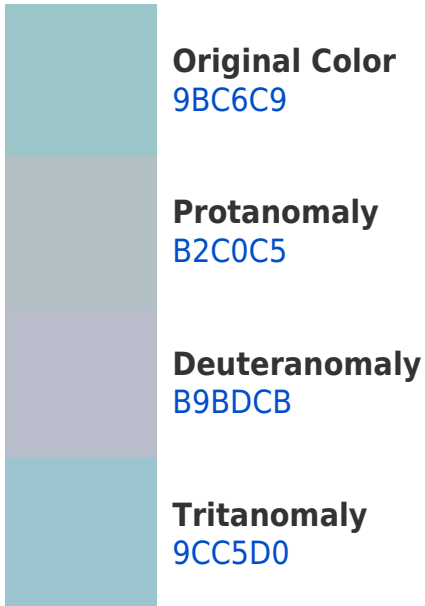
Dichromacy





Tritanopia
9DC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BC6C9 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 #9BC6C9 looks like.

```
.text, #text, p{  
    color:#9BC6C9  
}
```

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 #9BC6C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC6C9
}
```

Border

The CSS property to change the border of an element to Hex 9BC6C9 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
#9BC6C9 }
```

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

```
.border{ border-color:#9BC6C9 }
```

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

Here you see how a box with a 4 pixel #9BC6C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC6C9; -webkit-box-shadow:4px 4px  
4px 4px #9BC6C9; box-shadow:4px 4px 4px  
4px #9BC6C9 }
```

Background

The CSS property to change the background color of an element to Hex 9BC6C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC6C9 }
```

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

```
.background{ background-color:#9BC6C9 }
```

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