

Converting Colors

Hex(9BCAC6)

Have a look what the booklet for
Hex(9BCAC6) contains.

Hex(9BCAC6)	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(9BCAC6)

Conversions

Conversions Part 1

Format	Color
Hex	9BCAC6
RGB	155, 202, 198
RGB Percent	61%, 79%, 78%
CMY	0.3922, 0.2078, 0.2235
CMYK	0.23, 0.00, 0.02, 0.21
HSL	175°, 31%, 70%
HSV	175°, 23%, 79%
XYZ	44.8311, 53.2868, 61.3486
YIQ	187.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

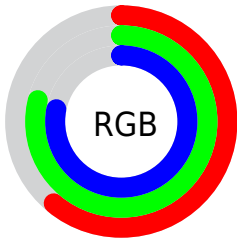
Format	Color
RYB	155, 180, 202
Decimal	10209990
CIELab	78.04, -16.15, -3.04
CIELCh	78, 16.437, 190.669
Yxy	53.2868, 0.2811, 0.3342
Android (android.graphics.Color)	4288400070 (0xFF9BCAC6)
YUV	187.4910, 5.1809, -28.4946
Hunter-Lab	72.9978, -18.1216, 1.2702

Details

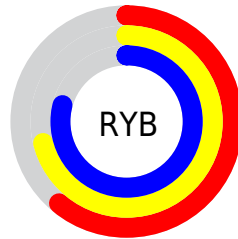
The Hex color **9BCAC6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CA9B9F**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D2FFFF**, and **669490** is the 20% darker color. If you saturate the color by 10%, you get **87CAC4**, and if you desaturate by 10%, it is **AFCAC8**.

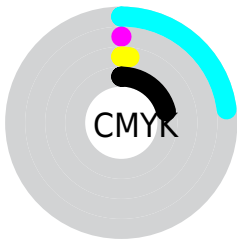
Distribution



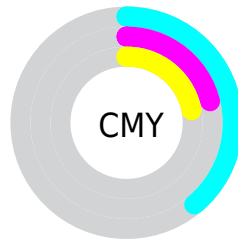
- Red (61%)
- Green (79%)
- Blue (78%)



- Red (61%)
- Yellow (71%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (39%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BCAC6 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 9BCAC6 by changing the saturation by 10% instead.

 9BCAC6

 9BCAC6

FFFFFF

 80AFAB

 D2FFFF

 669490

 EFFFFFF

 4D7A77

 35615E

 1C4946

 003230

 001E1B

 000000

 9BCAC6

 9BCAC6

87CAC4

AFCAC8

73CAC3

C3CAC9

5ECAC1

D8CACB

4ACABF

ECCACD

36CABD

FFCACF

22CABC

FFCAD0

0ECABA

FFCAD2

00CAB9

FFCAD4

FFCAD5

Harmonies

Analogous

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



A6C9B6



9BCAC6



9AC9D4

Triad

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



9BCAC6



CBBBD8



D6BDA5

Complementary

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



9BCAC6



CA9B9F

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.



E0B8AE



9BCAC6



DAB8CB

Square

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



9BCAC6



B7C0DF



E1B6BC



C7C2A3

Rectangle

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



9BCAC6



A0C7DB



E1B6BC



DABBA7

Sweetspot

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



9BCAC6



EDFFFD



A0CA9B



75807F



000000



808080

Same Dimension

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



9BCAC6



B8FFF9



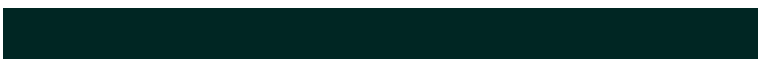
9BB7CA



5C6665



00A698



002623

Inverse Universe

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



CA9B9F



FFB8BE



CAAE9B



665C5D



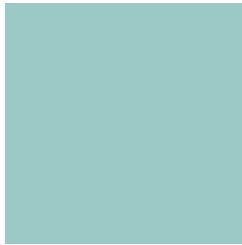
A6000E



260003

Previews

White Background



This preview shows how the Hex color 9BCAC6 looks on a white background.

Color Contrast Check

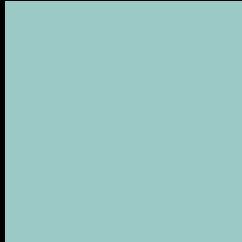
Large Text (above 18pt) WCAG AA × Fail

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 9BCAC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

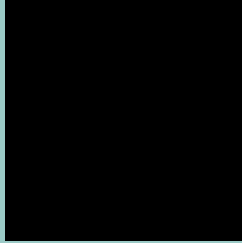
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

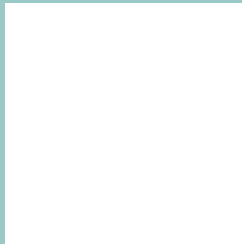
Any Text WCAG AAA ✓ Pass

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

Hex 9BCAC6 Background



This preview shows how black text looks on a background with the Hex color 9BCAC6.



This preview shows how white text looks on a background with the Hex color 9BCAC6.

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](#).

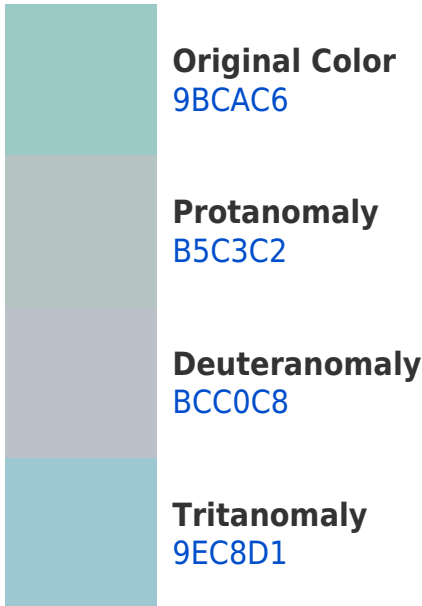
Dichromacy



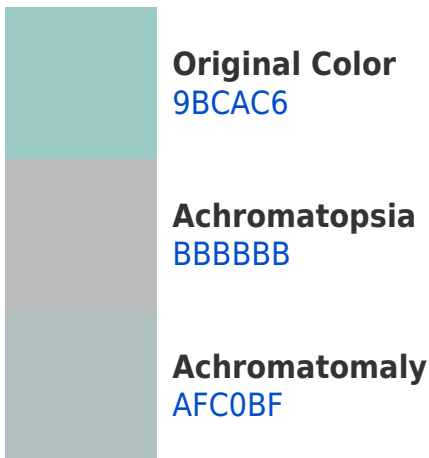


Tritanopia
9FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BCAC6 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 #9BCAC6 looks like.

```
.text, #text, p{  
    color:#9BCAC6  
}
```

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 #9BCAC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BCAC6  
}
```

Border

The CSS property to change the border of an element to Hex 9BCAC6 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  
#9BCAC6 }
```

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

```
.border{ border-color:#9BCAC6 }
```

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

Here you see how a box with a 4 pixel #9BCAC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BCAC6; -webkit-box-shadow:4px 4px  
4px 4px #9BCAC6; box-shadow:4px 4px 4px  
4px #9BCAC6 }
```

Background

The CSS property to change the background color of an element to Hex 9BCAC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BCAC6 }
```

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

```
.background{ background-color:#9BCAC6 }
```

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