

# Converting Colors

Hex(9BCCC1)

Have a look what the booklet for  
Hex(9BCCC1) contains.

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# **Color**

**Hex(9BCCC1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BCCC1
RGB	155, 204, 193
RGB Percent	61%, 80%, 76%
CMY	0.3922, 0.2000, 0.2431
CMYK	0.24, 0.00, 0.05, 0.20
HSL	167°, 32%, 70%
HSV	167°, 24%, 80%
XYZ	44.7361, 54.0045, 58.5182
YIQ	188.0950, -25.6730, -13.8090

# Conversions

## Conversions Part 2

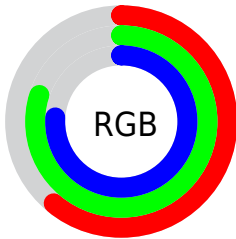
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 183, 204
Decimal	10210497
CIELab	78.46, -18.24, 0.26
CIELCh	78, 18.241, 179.176
Yxy	54.0045, 0.2845, 0.3434
Android (android.graphics.Color)	4288400577 (0xFF9BCCC1)
YUV	188.0950, 2.4182, -29.0243
Hunter-Lab	73.4878, -19.9408, 4.2290

# Details

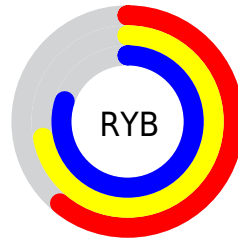
The Hex color **9BCCCC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC9BA6**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D2FFF9**, and **67968C** is the 20% darker color. If you saturate the color by 10%, you get **87CCBC**, and if you desaturate by 10%, it is **AFCCC6**.

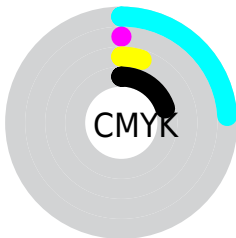
# Distribution



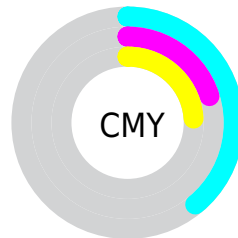
- Red (61%)
- Green (80%)
- Blue (76%)



- Red (61%)
- Yellow (72%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (39%)
- Magenta (20%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BCCC1 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 9BCCC1 by changing the saturation by 10% instead.



 9BCCC1

 9BCCC1

FFFFFF

 80B0A6

 D2FFF9

 67968C

 EFFFFFF

 4D7C72

 35635A

 1C4B42

 01342C

 001F18

 000000

 9BCCC1

 9BCCC1

 87CCBC

 AFCCC6

 72CCB8

 C4CCCA

 5ECCB3

 D8CCCF

 49CCAF

 EDCCD3

 35CCAA

 FFCCD8

 21CCA6

 FFCCDC

 0CCCA1

 FFCCE1

 00CC9E

 FFCCE6

 FFCCEA

# Harmonies

## Analogous

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



AACAB0



9BCCC1



95CBD2

# Triad

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



9BCCC1



C5BEE0



DEBBA6

# Complementary

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



9BCCC1



CC9BA6

# 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.



E6B7B2



9BCCC1



D8B9D4

# Square

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



9BCCC1



AFC4E4



E4B6C3



D0C1A0

# Rectangle

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



9BCCC1



99CADB



E4B6C3



E2BAA9



# Sweetspot

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



9BCCC1



EDFFFB



A6CC9B



75807D



000000



808080

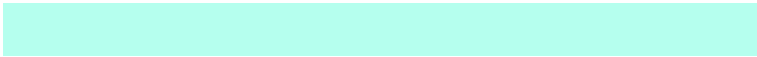


# Same Dimension

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



9BCCC1



B5FFEE



9BBFCC



5C6664



00A681



00261E



# Inverse Universe

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



CC9BA6



FFB5C6



CCA89B



665C5E



A60025

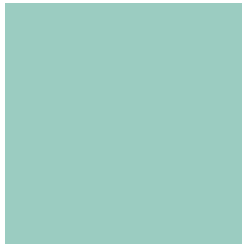


260009



# Previews

## White Background



This preview shows how the Hex color 9BCCC1 looks on a white background.

## Color Contrast Check

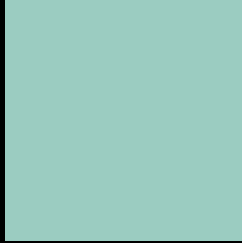
Large Text (above 18pt) WCAG AA × Fail

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 9BCCC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

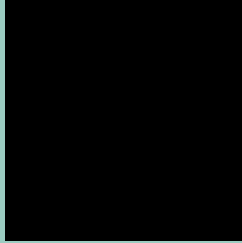
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

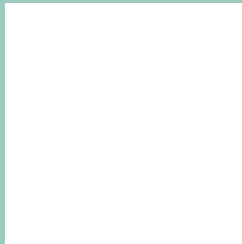
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BCCC1 Background



This preview shows how black text looks on a background with the Hex color 9BCCC1.

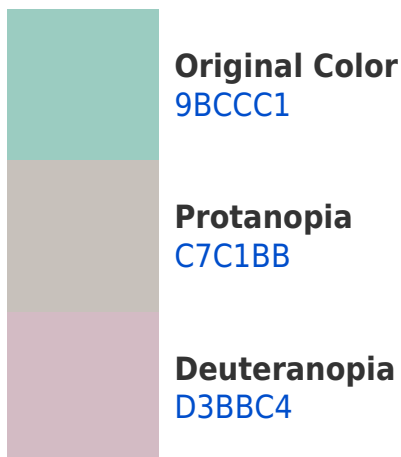


This preview shows how white text looks on a background with the Hex color 9BCCC1.

# 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](#).

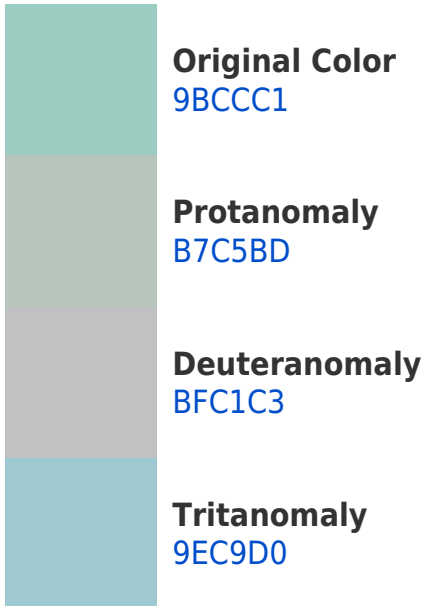
## Dichromacy





**Tritanopia**  
A0C8D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BCCC1 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 #9BCCC1 looks like.

```
.text, #text, p{  
    color:#9BCCC1  
}
```

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 #9BCCC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BCCC1
}
```

## Border

The CSS property to change the border of an element to Hex 9BCCC1 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
#9BCCC1 }
```

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

```
.border{ border-color:#9BCCC1 }
```

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

Here you see how a box with a 4 pixel #9BCCC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BCCC1; -webkit-box-shadow:4px 4px  
4px 4px #9BCCC1; box-shadow:4px 4px 4px  
4px #9BCCC1 }
```

# Background

The CSS property to change the background color of an element to Hex 9BCCC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BCCC1 }
```

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

```
.background{ background-color:#9BCCC1 }
```

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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