

# Converting Colors

Hex(9BC1C5)

Have a look what the booklet for  
Hex(9BC1C5) contains.

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# **Color**

**Hex(9BC1C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BC1C5
RGB	155, 193, 197
RGB Percent	61%, 76%, 77%
CMY	0.3922, 0.2431, 0.2275
CMYK	0.21, 0.02, 0.00, 0.23
HSL	186°, 27%, 69%
HSV	186°, 21%, 77%
XYZ	42.6656, 49.1397, 60.0595
YIQ	182.0940, -23.9320, -6.8120

# Conversions

## Conversions Part 2

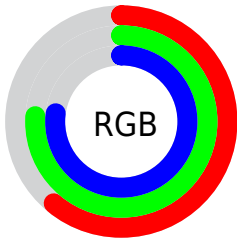
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 175, 197
Decimal	10207685
CIELab	75.54, -11.72, -6.20
CIELCh	76, 13.260, 207.869
Yxy	49.1397, 0.2809, 0.3236
Android (android.graphics.Color)	4288397765 (0xFF9BC1C5)
YUV	182.0940, 7.3487, -23.7614
Hunter-Lab	70.0997, -14.0321, -1.7282

# Details

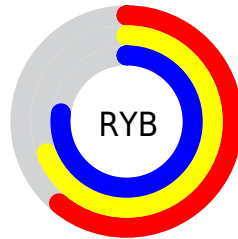
The Hex color **9BC1C5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C59F9B**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D2F9FE**, and **678B8F** is the 20% darker color. If you saturate the color by 10%, you get **87BFC5**, and if you desaturate by 10%, it is **AFC3C5**.

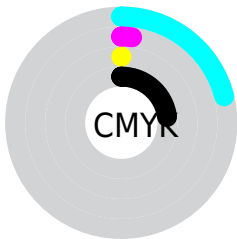
# Distribution



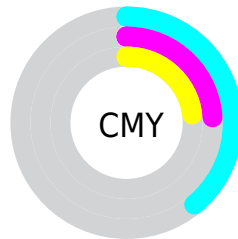
- Red (61%)
- Green (76%)
- Blue (77%)



- Red (61%)
- Yellow (69%)
- Blue (77%)



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



- Cyan (39%)
- Magenta (24%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BC1C5 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 9BC1C5 by changing the saturation by 10% instead.



 9BC1C5

 9BC1C5

FFFFFF

 81A6AA

 D2F9FE

 678B8F

 EFFFFFF

 4E7276

 36595D

 1E4246

 042C2F

 00181A

 000000

 9BC1C5

 9BC1C5

87BFC5

AFC3C5

74BDC5

C2C5C5

60BBC5

D6C7C5

4CB9C5

EAC9C5

38B8C5

FECAC5

25B6C5

FFCCC5

11B4C5

FFCEC5

00B2C5

FFD0C5

FFD2C5

# Harmonies

## Analogous

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



9FC1B9



9BC1C5



A0BFCE

# Triad

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



9BC1C5



C9B4C7



C5B9A2

# Complementary

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



9BC1C5



C59F9B

# 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.



CFB5A6



9BC1C5



D2B2BB

# Square

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



9BC1C5



BBB7D0



D4B2AF



B7BDA4

# Rectangle

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



9BC1C5



A7BDD2



D4B2AF



C9B8A2



# Sweetspot

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



9BC1C5



F0FEFF



9BC59F



777F80



000000



808080



# Same Dimension

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



9BC1C5



BDF9FF



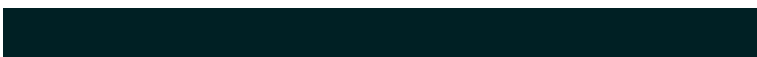
9BADC5



5A6363



0094A3



002024



# Inverse Universe

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



C59BC1



FFBDF9



C5B49B



635A63



A30094



240020



# Previews

## White Background



This preview shows how the Hex color 9BC1C5 looks on a white background.

## Color Contrast Check

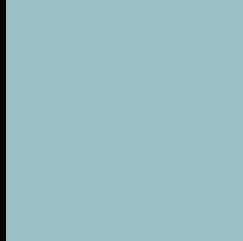
Large Text (above 18pt) WCAG AA × Fail

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 9BC1C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

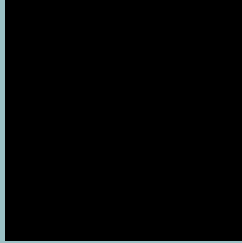
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

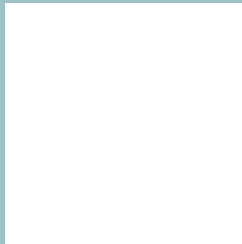
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BC1C5 Background



This preview shows how black text looks on a background with the Hex color 9BC1C5.



This preview shows how white text looks on a background with the Hex color 9BC1C5.

# 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](#).

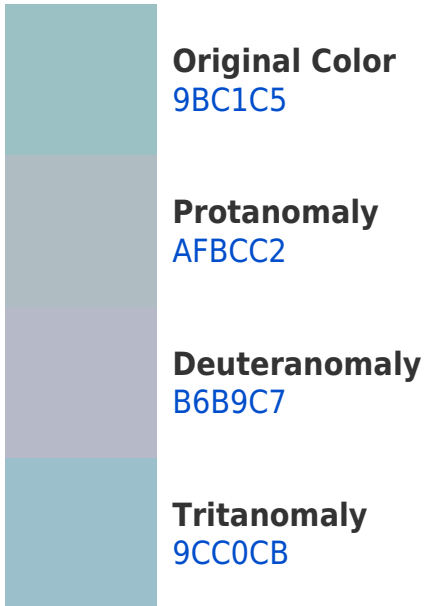
## Dichromacy



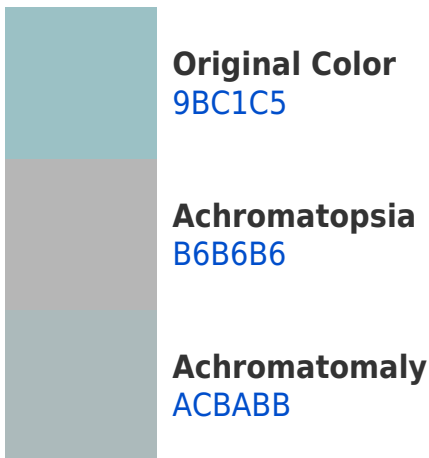


**Tritanopia**  
9DBFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BC1C5 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 #9BC1C5 looks like.

```
.text, #text, p{  
    color:#9BC1C5  
}
```

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 #9BC1C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC1C5
}
```

## Border

The CSS property to change the border of an element to Hex 9BC1C5 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
#9BC1C5 }
```

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

```
.border{ border-color:#9BC1C5 }
```

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

Here you see how a box with a 4 pixel #9BC1C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC1C5; -webkit-box-shadow:4px 4px  
4px 4px #9BC1C5; box-shadow:4px 4px 4px  
4px #9BC1C5 }
```

# Background

The CSS property to change the background color of an element to Hex 9BC1C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC1C5 }
```

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

```
.background{ background-color:#9BC1C5 }
```

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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