

# Converting Colors

Hex(9BC9B4)

Have a look what the booklet for  
Hex(9BC9B4) contains.

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# **Color**

**Hex(9BC9B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BC9B4
RGB	155, 201, 180
RGB Percent	61%, 79%, 71%
CMY	0.3922, 0.2118, 0.2941
CMYK	0.23, 0.00, 0.10, 0.21
HSL	153°, 30%, 70%
HSV	153°, 23%, 79%
XYZ	42.6424, 52.0371, 50.9767
YIQ	184.8520, -20.6750, -16.2830

# Conversions

## Conversions Part 2

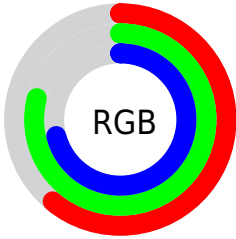
Format	Color
R <sub>YB</sub>	155, 185, 201
Decimal	10209716
CIE Lab	77.30, -19.40, 5.57
CIE LCh	77, 20.182, 163.982
Yxy	52.0371, 0.2928, 0.3573
Android (android.graphics.Color)	4288399796 (0xFF9BC9B4)
YUV	184.8520, -2.3920, -26.1802
Hunter-Lab	72.1368, -20.7221, 8.5974

# Details

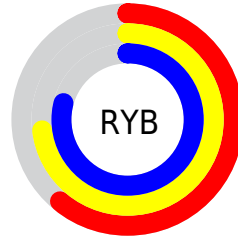
The Hex color **9BC9B4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C99BB0**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D2FFEC**, and **67937F** is the 20% darker color. If you saturate the color by 10%, you get **87C9AB**, and if you desaturate by 10%, it is **AFC9BD**.

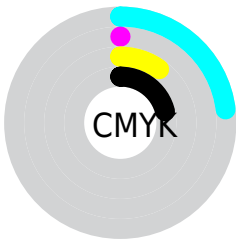
# Distribution



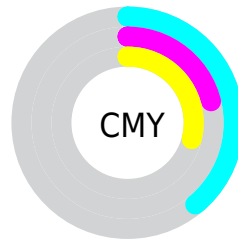
- Red (61%)
- Green (79%)
- Blue (71%)



- Red (61%)
- Yellow (73%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (39%)
- Magenta (21%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BC9B4 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 9BC9B4 by changing the saturation by 10% instead.



 9BC9B4

 9BC9B4

FFFFFF

 81AE99

 D2FFEC

 67937F

 EFFFFFF

 4E7966

 36604E

 1E4837

 043122

 001D0C

 000000

 9BC9B4

 9BC9B4

 87C9AB

 AFC9BD

 73C9A2

 C3C9C6

 5FC998

 D7C9D0

 4BC98F

 EBC9D9

 36C986

 FFC9E2

 22C97D

 FFC9EB

 0EC974

 FFC9F4

 00C96D

 FFC9FD

 FFC9FF

# Harmonies

## Analogous

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



AFC6A4



9BC9B4



8ECAC7

# Triad

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



9BC9B4



B5BEE3



E3B5A6

# Complementary

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



9BC9B4



C99BB0

# 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.



E6B2B7



9BC9B4



CDB7DA

# Square

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



9BC9B4



9EC4E2



DEB3CA



D7BA9B

# Rectangle

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



9BC9B4



8DC9D3



DEB3CA



E5B3AB



# Sweetspot

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



9BC9B4



EDFFF7



B0C99B



75807B



000000



808080

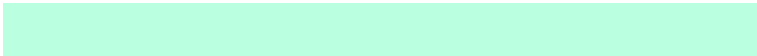


# Same Dimension

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



9BC9B4



BAFFE0



9BC7C9



5A635F



00A359



002413



# Inverse Universe

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



C99BB0



FFBADA



C99D9B



635A5E



A3004B



240010



# Previews

## White Background



This preview shows how the Hex color 9BC9B4 looks on a white background.

## Color Contrast Check

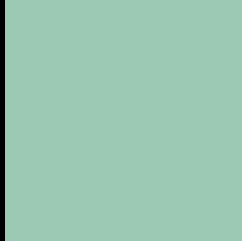
Large Text (above 18pt) WCAG AA × Fail

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 9BC9B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

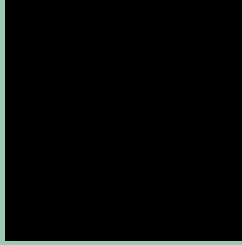
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

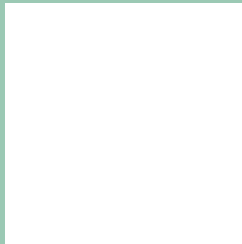
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BC9B4 Background



This preview shows how black text looks on a background with the Hex color 9BC9B4.



This preview shows how white text looks on a background with the Hex color 9BC9B4.

# 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



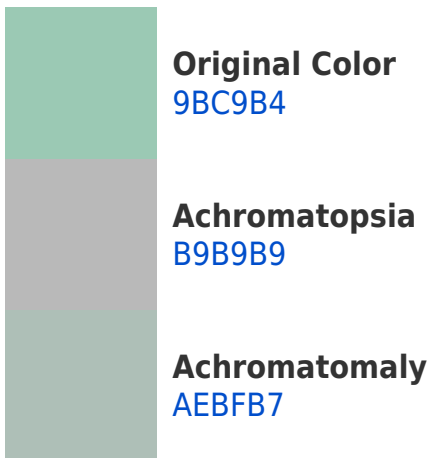


**Tritanopia**  
A1C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BC9B4 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 #9BC9B4 looks like.

```
.text, #text, p{  
    color:#9BC9B4  
}
```

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 #9BC9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC9B4
}
```

## Border

The CSS property to change the border of an element to Hex 9BC9B4 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
#9BC9B4 }
```

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

```
.border{ border-color:#9BC9B4 }
```

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

Here you see how a box with a 4 pixel #9BC9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC9B4; -webkit-box-shadow:4px 4px  
4px 4px #9BC9B4; box-shadow:4px 4px 4px  
4px #9BC9B4 }
```

# Background

The CSS property to change the background color of an element to Hex 9BC9B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC9B4 }
```

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

```
.background{ background-color:#9BC9B4 }
```

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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