

# Converting Colors

Hex(9BC3A6)

Have a look what the booklet for  
Hex(9BC3A6) contains.

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# **Color**

**Hex(9BC3A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BC3A6
RGB	155, 195, 166
RGB Percent	61%, 76%, 65%
CMY	0.3922, 0.2353, 0.3490
CMYK	0.21, 0.00, 0.15, 0.24
HSL	137°, 25%, 69%
HSV	137°, 21%, 76%
XYZ	39.9156, 48.7519, 43.3827
YIQ	179.7340, -14.5310, -17.4990

# Conversions

## Conversions Part 2

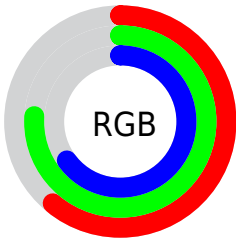
Format	Color
<a href="#">RYB</a>	<a href="#">155, 186, 195</a>
Decimal	<a href="#">10208166</a>
CIELab	<a href="#">75.30, -19.09, 10.24</a>
CIElCh	<a href="#">75, 21.663, 151.791</a>
Yxy	<a href="#">48.7519, 0.3023, 0.3692</a>
Android (android.graphics.Color)	<a href="#">4288398246 (0xFF9BC3A6)</a>
YUV	<a href="#">179.7340, -6.7709, -21.6917</a>
Hunter-Lab	<a href="#">69.8226, -20.1461, 12.0373</a>

# Details

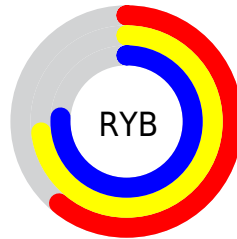
The Hex color **9BC3A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C39BB8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D2FCDD**, and **678D72** is the 20% darker color. If you saturate the color by 10%, you get **87C398**, and if you desaturate by 10%, it is **AEC3B4**.

# Distribution



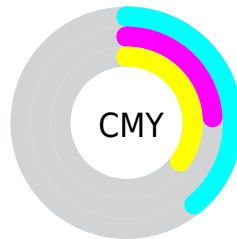
- Red (61%)
- Green (76%)
- Blue (65%)



- Red (61%)
- Yellow (73%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (39%)
- Magenta (24%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BC3A6 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 9BC3A6 by changing the saturation by 10% instead.





9BC3A6



9BC3A6

FFFFFF



81A88C



D2FCDD



678D72



EEFFFA



4E745A



375B42



20432C



082D17



001A00



000000



9BC3A6



9BC3A6

 87C398

 AEC3B4

 74C38A

 C2C3C2

 61C37C

 D5C3D0

 4DC36D

 E9C3DF

 3AC35F

 FDC3ED

 26C351

 FFC3FB

 12C343

 FFC3FF

 00C336

# Harmonies

## Analogous

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



B2BF97



9BC3A6



89C5BA

# Triad

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



9BC3A6



A4BBE1



E2ADA5

# Complementary

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



9BC3A6



C39BB8

# 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.



E1ABB9



9BC3A6



BEB4DB

# Square

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



9BC3A6



8DC1DC



D4AECD



D9B297

# Rectangle

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



9BC3A6



83C5C7



D4AECD



E3ACAC

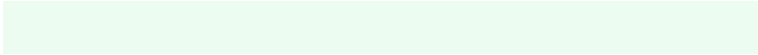


# Sweetspot

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



9BC3A6



EDFCF1



B8C39B



778079



000000



808080

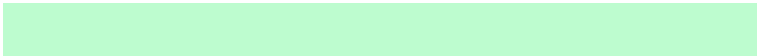


# Same Dimension

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



9BC3A6



BDFCCF



9BC3BA



57615A



00A12C



002109



# Inverse Universe

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



C39BB8



FCBDEB



C39BA4



61575E



A10074



210018



# Previews

## White Background



This preview shows how the Hex color 9BC3A6 looks on a white background.

## Color Contrast Check

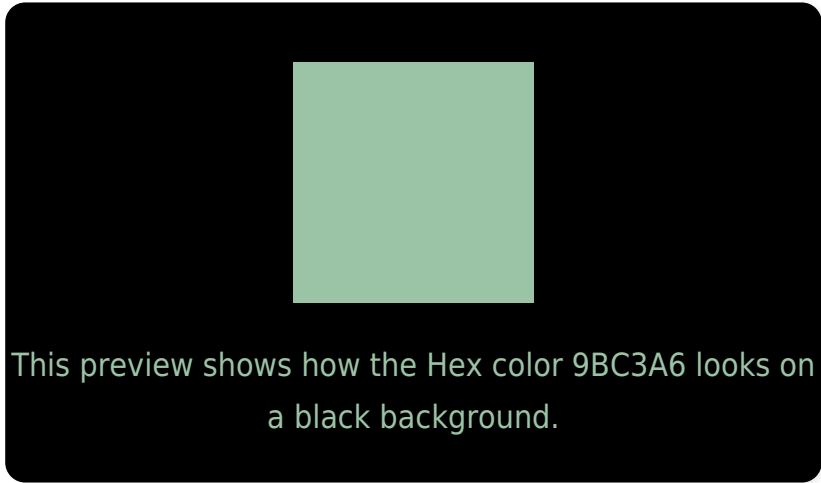
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

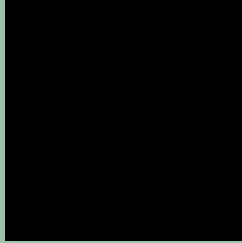
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

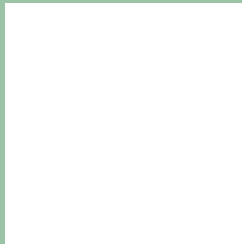
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BC3A6 Background



This preview shows how black text looks on a background with the Hex color 9BC3A6.

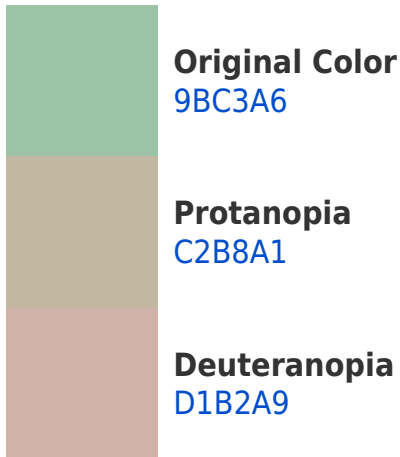


This preview shows how white text looks on a background with the Hex color 9BC3A6.

# Color Blindness Simulation

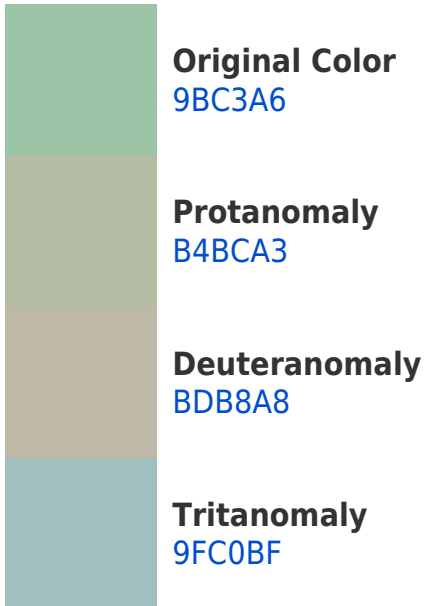
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

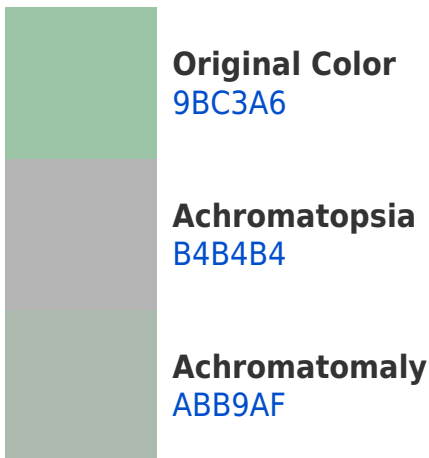




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BC3A6 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 #9BC3A6 looks like.

```
.text, #text, p{  
    color:#9BC3A6  
}
```

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 #9BC3A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC3A6
}
```

## Border

The CSS property to change the border of an element to Hex 9BC3A6 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
#9BC3A6 }
```

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

```
.border{ border-color:#9BC3A6 }
```

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

Here you see how a box with a 4 pixel #9BC3A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC3A6; -webkit-box-shadow:4px 4px  
4px 4px #9BC3A6; box-shadow:4px 4px 4px  
4px #9BC3A6 }
```

# Background

The CSS property to change the background color of an element to Hex 9BC3A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC3A6 }
```

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

```
.background{ background-color:#9BC3A6 }
```

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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