

# Converting Colors

Hex(9DBAAB)

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

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# **Color**

**Hex(9DBAAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DBAAB
RGB	157, 186, 171
RGB Percent	62%, 73%, 67%
CMY	0.3843, 0.2706, 0.3294
CMYK	0.16, 0.00, 0.08, 0.27
HSL	149°, 17%, 67%
HSV	149°, 16%, 73%
XYZ	38.8142, 45.2262, 45.2119
YIQ	175.6190, -12.4690, -10.8130

# Conversions

## Conversions Part 2

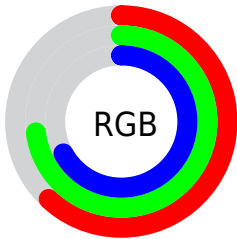
Format	Color
<a href="#">RYB</a>	<a href="#">157, 177, 186</a>
Decimal	<a href="#">10336939</a>
CIELab	<a href="#">73.04, -12.84, 4.31</a>
CIELCh	<a href="#">73, 13.545, 161.448</a>
Yxy	<a href="#">45.2262, 0.3003, 0.3499</a>
Android (android.graphics.Color)	<a href="#">4288527019</a> <a href="#">(0xFF9DBAAB)</a>
YUV	<a href="#">175.6190, -2.2772, -16.3289</a>
Hunter-Lab	<a href="#">67.2504, -14.6652, 7.2151</a>

# Details

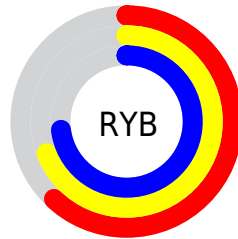
The Hex color **9DBAAB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BA9DAC**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D4F2E2**, and **698577** is the 20% darker color. If you saturate the color by 10%, you get **8ABAA1**, and if you desaturate by 10%, it is **B0BAB5**.

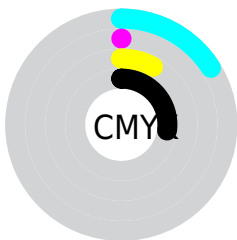
# Distribution



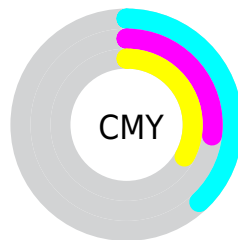
- Red (62%)
- Green (73%)
- Blue (67%)



- Red (62%)
- Yellow (69%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



 9DBAAB

 9DBAAB


FFFFFF

 839F91

 D4F2E2

 698577

 F0FFFF

 516C5E

 3A5347

 233C30

 0E261B

 001300

 000000

 9DBAAB

 9DBAAB

 8ABAA1

 B0BAB5

 78BA98

 C2BABE

 65BA8E

 D5BAC8

 53BA85

 E7BAD1

 40BA7B

 FABADB

 2DBA71

 FFBAE5

 1BBA68

 FFBAEE

 08BA5E

 FFBAF8

 00BA5A

 FFBAFF

# Harmonies

## Analogous

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



AAB8A0



9DBAAB



95BBB8

# Triad

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



9DBAAB



ACB3CB



CCACA3

# Complementary

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



9DBAAB



BA9DAC

# 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.



CEABAF



9DBAAB



BCAFC6

# Square

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



9DBAAB



9DB7CA



C8ACBB



C5B09C

# Rectangle

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



9DBAAB



94BAC0



C8ACBB



CEACA7

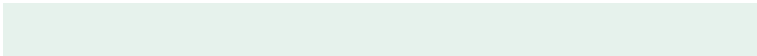


# Sweetspot

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



9DBAAB



E6F2EC



ACBA9D



737A77



FAFAFA



7A7A7A

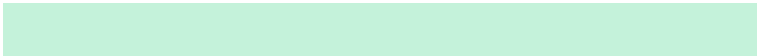


# Same Dimension

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



9DBAAB



C4F2DA



9DBAB9



535C57



009C4B



001C0E



# Inverse Universe

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



BA9DAC



F2C4DC



BA9D9E



5C5357



9C0050

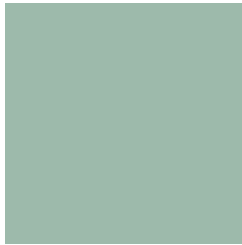


1C000F



# Previews

## White Background



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

## Color Contrast Check

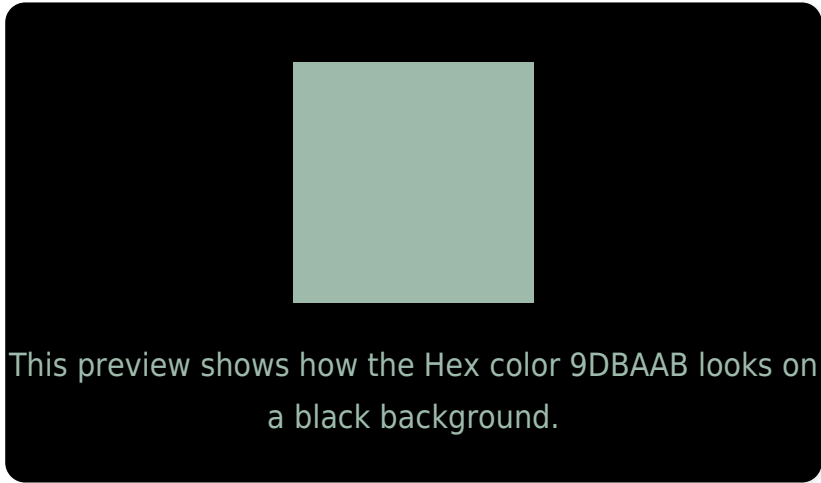
Large Text (above 18pt) WCAG AA × Fail

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

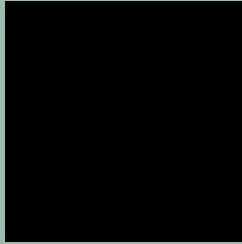
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DBAAB Background



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

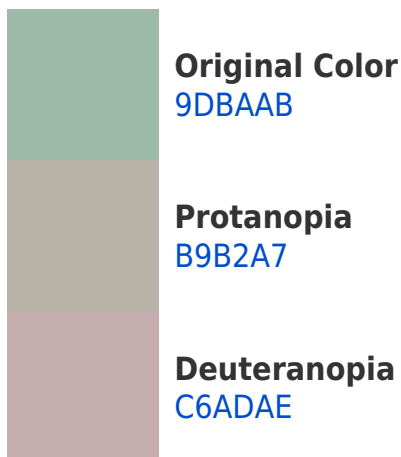


This preview shows how white text looks on a background with the Hex color 9DBAAB.

# 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**  
A2B6C5

# Trichromacy



**Original Color**  
9DBAAB

**Protanomaly**  
AFB5A8

**Deuteranomaly**  
B7B2AD

**Tritanomaly**  
A0B7BC

# Monochromacy



**Original Color**  
9DBAAB

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
A9B4AE

# CSS Examples

## Text

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

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

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 #9DBAAB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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