

# Converting Colors

Hex(9DBCAC)

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

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# **Color**

**Hex(9DBCAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DBCAC
RGB	157, 188, 172
RGB Percent	62%, 74%, 67%
CMY	0.3843, 0.2627, 0.3255
CMYK	0.16, 0.00, 0.09, 0.26
HSL	149°, 19%, 68%
HSV	149°, 16%, 74%
XYZ	39.3342, 46.1131, 45.8573
YIQ	176.9070, -13.3400, -11.5480

# Conversions

## Conversions Part 2

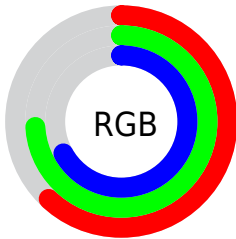
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 178, 188
Decimal	10337452
CIELab	73.62, -13.68, 4.60
CIElCh	74, 14.437, 161.420
Yxy	46.1131, 0.2996, 0.3512
Android (android.graphics.Color)	4288527532 (0xFF9DBCAC)
YUV	176.9070, -2.4192, -17.4584
Hunter-Lab	67.9066, -15.4422, 7.4961

# Details

The Hex color **9DBCAC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BC9DAD**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D4F4E3**, and **698778** is the 20% darker color. If you saturate the color by 10%, you get **8ABCA2**, and if you desaturate by 10%, it is **B0BCB6**.

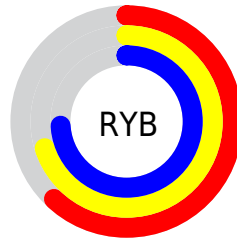
# Distribution



Red (62%)

Green (74%)

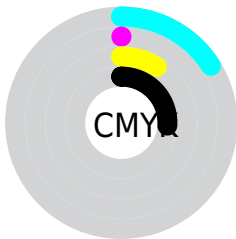
Blue (67%)



Red (62%)

Yellow (70%)

Blue (74%)

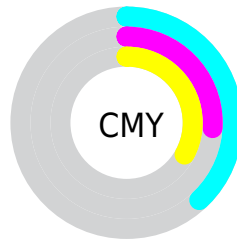


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (26%)



Cyan (38%)

Magenta (26%)

Yellow (33%)

# Brightness & Saturation Gradients

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





9DBCAC



9DBCAC

FFFFFF



83A191



D4F4E3



698778



F0FFFF



516D5F



395547



233E31



0D281C



001401



000000



9DBCAC



9DBCAC

 8ABCA2

 B0BCB6

 77BC99

 C3BCBF

 65BC8F

 D5BCC9

 52BC85

 E8BCD3

 3FBC7B

 FBBCDD

 2CBC72

 FFBC E6

 19BC68

 FFBC F0

 07BC5E

 FFBC FA

 00BC5B

 FFBC FF

# Harmonies

## Analogous

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



ABB9A1



9DBCAC



94BDBA

# Triad

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



9DBCAC



ADB4CF



D0AEA4

# Complementary

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



9DBCAC



BC9DAD

# 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.



D1ACB0



9DBCAC



BEB0C9

# Square

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



9DBCAC



9DB8CE



CBADBE



C7B19C

# Rectangle

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



9DBCAC



93BCC2



CBADBE



D1ADA8

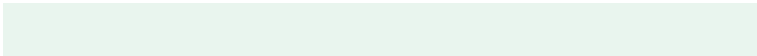


# Sweetspot

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



9DBCAC



E9F5EE



ADBC9D



737A77



FAFAFA



7A7A7A

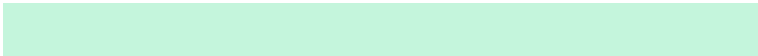


# Same Dimension

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



9DBCAC



C4F5DC



9DBCBB



555E59



009E4D



001F0F



# Inverse Universe

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



BC9DAD



F5C4DD



BC9D9E



5E555A



9E0052

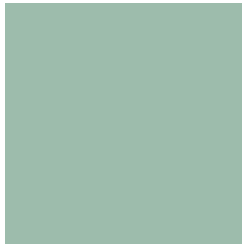


1F0010



# Previews

## White Background



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

## Color Contrast Check

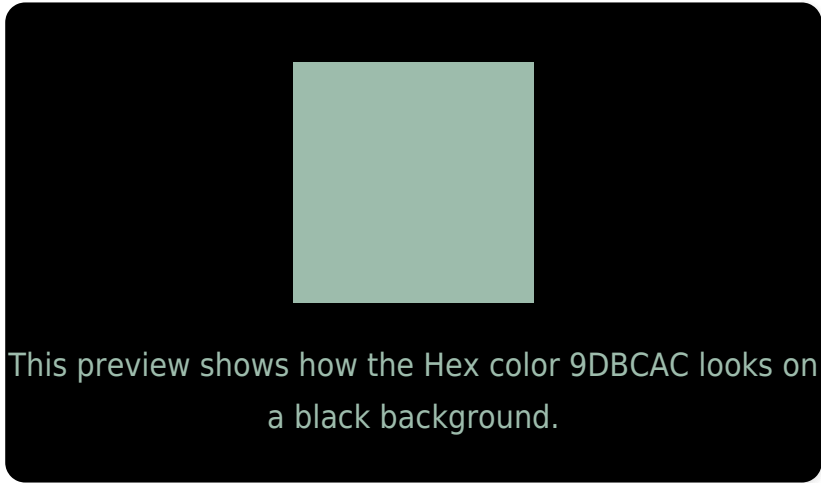
Large Text (above 18pt) WCAG AA × Fail

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

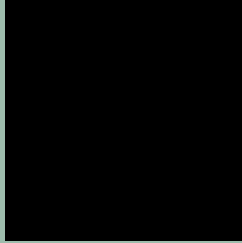
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

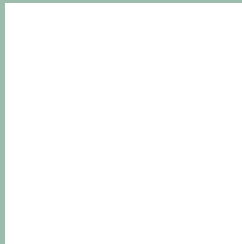
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DBCAC Background



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

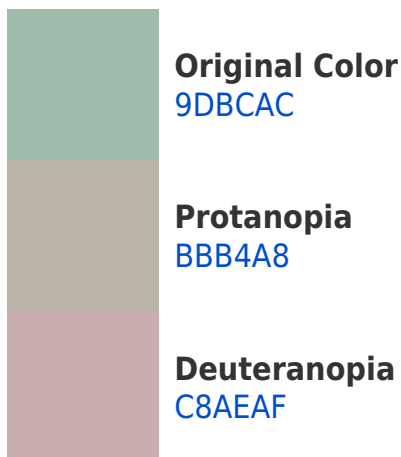


This preview shows how white text looks on a background with the Hex color 9DBCAC.

# 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**  
A2B8C7

# Trichromacy



**Original Color**  
9DBCAC

**Protanomaly**  
B0B7A9

**Deuteranomaly**  
B8B3AE

**Tritanomaly**  
A0B9BD

# Monochromacy



**Original Color**  
9DBCAC

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
AAB5AF

# CSS Examples

## Text

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

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

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 #9DBCAC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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