

# Converting Colors

Hex(9DC8A2)

Have a look what the booklet for  
Hex(9DC8A2) contains.

<b>Hex(9DC8A2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9DC8A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC8A2
RGB	157, 200, 162
RGB Percent	62%, 78%, 64%
CMY	0.3843, 0.2157, 0.3647
CMYK	0.21, 0.00, 0.19, 0.22
HSL	127°, 28%, 70%
HSV	127°, 21%, 78%
XYZ	41.0805, 51.0853, 41.8777
YIQ	182.8110, -13.4300, -20.9340

# Conversions

## Conversions Part 2

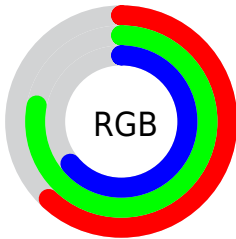
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 196, 200</a>
Decimal	<a href="#">10340514</a>
CIELab	<a href="#">76.73, -21.66, 14.43</a>
CIElCh	<a href="#">77, 26.031, 146.325</a>
Yxy	<a href="#">51.0853, 0.3065, 0.3811</a>
Android (android.graphics.Color)	<a href="#">4288530594 (0xFF9DC8A2)</a>
YUV	<a href="#">182.8110, -10.2598, -22.6362</a>
Hunter-Lab	<a href="#">71.4740, -22.4845, 15.2929</a>

# Details

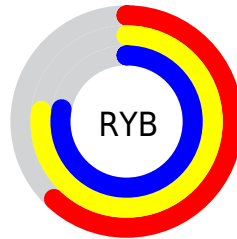
The Hex color **9DC8A2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C89DC3**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D4FFD9**, and **69926E** is the 20% darker color. If you saturate the color by 10%, you get **89C890**, and if you desaturate by 10%, it is **B1C8B4**.

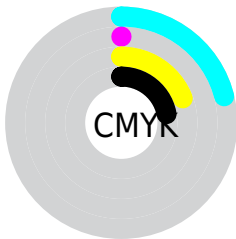
# Distribution



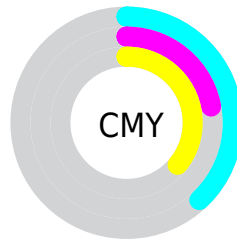
- Red (62%)
- Green (78%)
- Blue (64%)



- Red (62%)
- Yellow (77%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC8A2 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 9DC8A2 by changing the saturation by 10% instead.





9DC8A2



9DC8A2

FFFFFF



83AD88



D4FFD9



69926E



F1FFF5



507856



385F3E



214728



083014



001D00



000000



9DC8A2



9DC8A2

 89C890

 B1C8B4

 75C87F

 C5C8C5

 61C86D

 D9C8D7

 4DC85B

 EDC8E9

 39C84A

 FFC8FA

 25C838

 FFC8FF

 11C826

 00C817

# Harmonies

## Analogous

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



B9C292



9DC8A2



84CBB9

# Triad

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



9DC8A2



9CC0ED



EEADA9

# Complementary

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



9DC8A2



C89DC3

# 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.



EBACC1



9DC8A2



BDB8E8

# Square

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



9DC8A2



81C7E5



DAB1D8



E5B396

# Rectangle

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



9DC8A2



7ACBCA



DAB1D8



EFACB1



# Sweetspot

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



9DC8A2



F0FFF1



C4C89D



778078



000000



808080

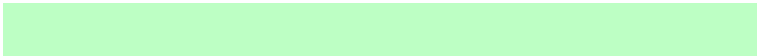


# Same Dimension

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



9DC8A2



BDFFC4



9DC8B7



5A635B



00A313



002404



# Inverse Universe

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



C89DC3



FFBDF7



C89DAE



635A62



A30090

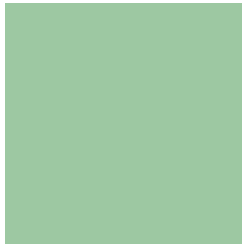


240020



# Previews

## White Background



This preview shows how the Hex color 9DC8A2 looks on a white background.

## Color Contrast Check

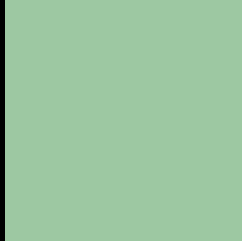
Large Text (above 18pt) WCAG AA × Fail

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 9DC8A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

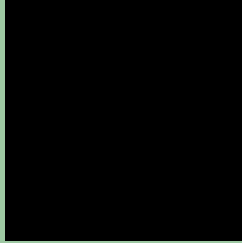
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DC8A2 Background



This preview shows how black text looks on a background with the Hex color 9DC8A2.

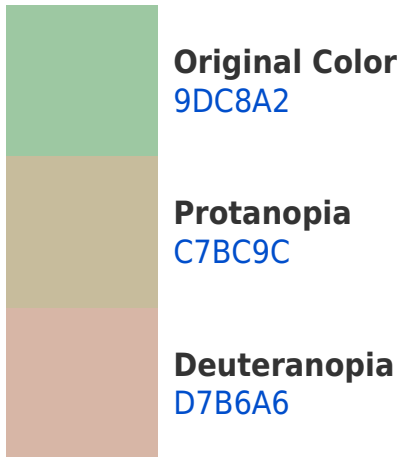


This preview shows how white text looks on a background with the Hex color 9DC8A2.

# 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](#).

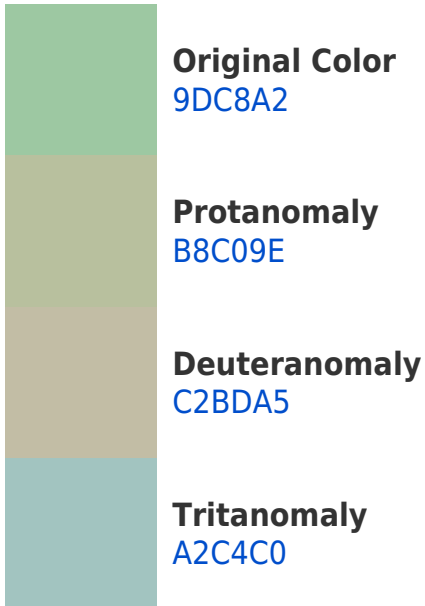
## Dichromacy



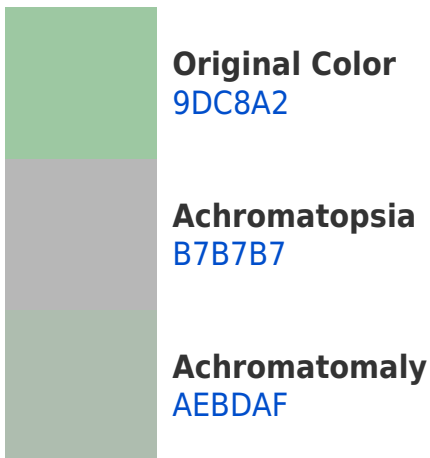


**Tritanopia**  
A5C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC8A2 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 #9DC8A2 looks like.

```
.text, #text, p{  
    color:#9DC8A2  
}
```

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 #9DC8A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC8A2
}
```

## Border

The CSS property to change the border of an element to Hex 9DC8A2 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
#9DC8A2 }
```

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

```
.border{ border-color:#9DC8A2 }
```

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

Here you see how a box with a 4 pixel #9DC8A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC8A2; -webkit-box-shadow:4px 4px  
4px 4px #9DC8A2; box-shadow:4px 4px 4px  
4px #9DC8A2 }
```

# Background

The CSS property to change the background color of an element to Hex 9DC8A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC8A2 }
```

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

```
.background{ background-color:#9DC8A2 }
```

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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