

# Converting Colors

Hex(9DC6A6)

Have a look what the booklet for  
Hex(9DC6A6) contains.

<b>Hex(9DC6A6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9DC6A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC6A6
RGB	157, 198, 166
RGB Percent	62%, 78%, 65%
CMY	0.3843, 0.2235, 0.3490
CMYK	0.21, 0.00, 0.16, 0.22
HSL	133°, 26%, 70%
HSV	133°, 21%, 78%
XYZ	40.9816, 50.3094, 43.6271
YIQ	182.0930, -14.1640, -18.6440

# Conversions

## Conversions Part 2

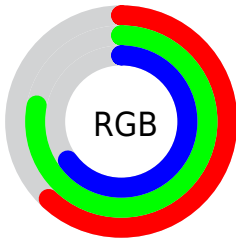
Format	Color
<a href="#">RYB</a>	<a href="#">157, 191, 198</a>
Decimal	<a href="#">10340006</a>
CIELab	<a href="#">76.26, -19.93, 11.62</a>
CIElCh	<a href="#">76, 23.073, 149.754</a>
Yxy	<a href="#">50.3094, 0.3038, 0.3729</a>
Android (android.graphics.Color)	<a href="#">4288530086</a> ( <a href="#">0xFF9DC6A6</a> )
YUV	<a href="#">182.0930, -7.9338, -22.0066</a>
Hunter-Lab	<a href="#">70.9291, -20.9918, 13.1823</a>

# Details

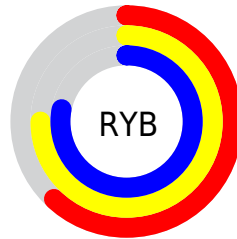
The Hex color **9DC6A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C69DBD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D4FFDD**, and **699072** is the 20% darker color. If you saturate the color by 10%, you get **89C697**, and if you desaturate by 10%, it is **B1C6B5**.

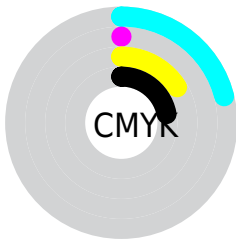
# Distribution



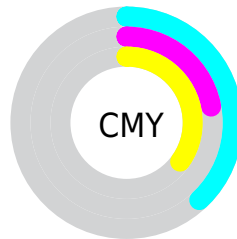
- Red (62%)
- Green (78%)
- Blue (65%)



- Red (62%)
- Yellow (75%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC6A6 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 9DC6A6 by changing the saturation by 10% instead.





9DC6A6



9DC6A6

FFFFFF



83AB8C



D4FFDD



699072



F1FFFA



50765A



385D42



21462C



092F17



001C00



000000



9DC6A6



9DC6A6

 89C697

 B1C6B5

 75C687

 C5C6C5

 62C678

 D8C6D4

 4EC668

 ECC6E4

 3AC659

 FFC6F3

 26C649

 FFC6FF

 12C63A

 00C62B

# Harmonies

## Analogous

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



B5C197



9DC6A6



89C8BB

# Triad

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



9DC6A6



A3BEE6



E8AEA8

# Complementary

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



9DC6A6



C69DBD

# 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.



E6ADBD



9DC6A6



C0B7E1

# Square

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



9DC6A6



8AC4E0



D8B0D2



DEB498

# Rectangle

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



9DC6A6



81C8CA



D8B0D2



E8ADAF

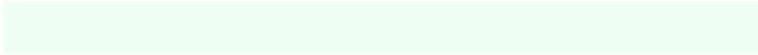


# Sweetspot

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



9DC6A6



F0FFF3



BDC69D



778079



000000



808080

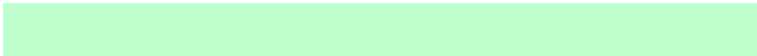


# Same Dimension

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



9DC6A6



BFFLCD



9DC6BA



5A635C



00A324



002408



# Inverse Universe

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



C69DBD



FFBFF1



C69DA9



635A61



A3007F



24001C



# Previews

## White Background



This preview shows how the Hex color 9DC6A6 looks on a white background.

## Color Contrast Check

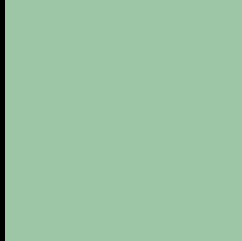
Large Text (above 18pt) WCAG AA × Fail

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 9DC6A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

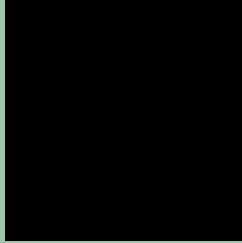
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DC6A6 Background



This preview shows how black text looks on a background with the Hex color 9DC6A6.

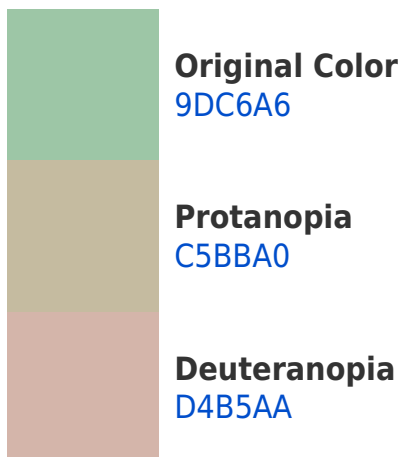


This preview shows how white text looks on a background with the Hex color 9DC6A6.

# 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](#).

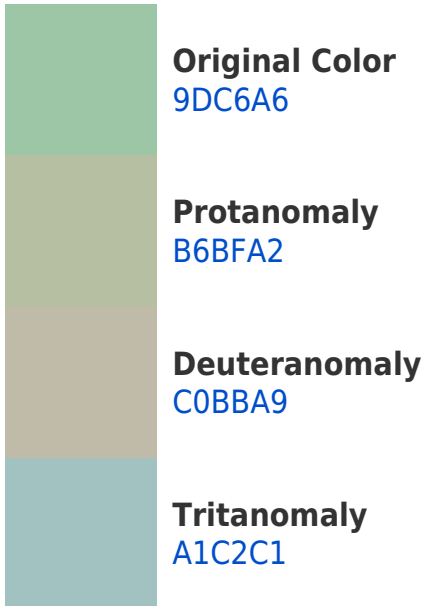
## Dichromacy



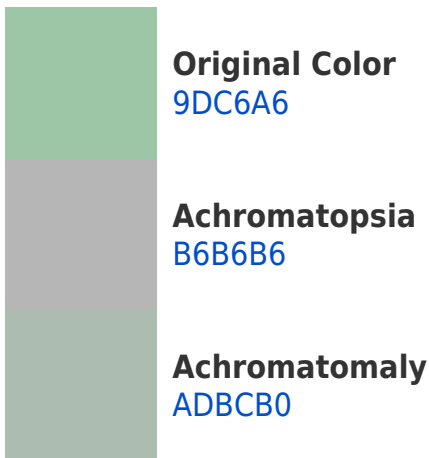


**Tritanopia**  
A4C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC6A6 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 #9DC6A6 looks like.

```
.text, #text, p{  
    color:#9DC6A6  
}
```

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 #9DC6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC6A6
}
```

## Border

The CSS property to change the border of an element to Hex 9DC6A6 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
#9DC6A6 }
```

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

```
.border{ border-color:#9DC6A6 }
```

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

Here you see how a box with a 4 pixel #9DC6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC6A6; -webkit-box-shadow:4px 4px  
4px 4px #9DC6A6; box-shadow:4px 4px 4px  
4px #9DC6A6 }
```

# Background

The CSS property to change the background color of an element to Hex 9DC6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC6A6 }
```

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

```
.background{ background-color:#9DC6A6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor