

# Converting Colors

Hex(9DC8C2)

Have a look what the booklet for  
Hex(9DC8C2) contains.

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# **Color**

**Hex(9DC8C2)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9DC8C2                       |
| RGB         | 157, 200, 194                |
| RGB Percent | 62%, 78%, 76%                |
| CMY         | 0.3843, 0.2157, 0.2392       |
| CMYK        | 0.21, 0.00, 0.03, 0.22       |
| HSL         | 172°, 28%, 70%               |
| HSV         | 172°, 21%, 78%               |
| XYZ         | 44.2965, 52.3717, 58.8130    |
| YIQ         | 186.4590, -23.7020, -10.9820 |

# Conversions

## Conversions Part 2

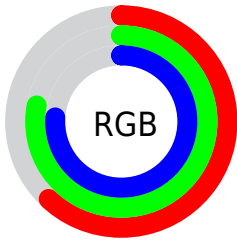
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 157, 180, 200                 |
| Decimal                             | 10340546                      |
| CIELab                              | 77.50, -15.37, -1.67          |
| CIELCh                              | 78, 15.462, 186.195           |
| Yxy                                 | 52.3717, 0.2849,<br>0.3368    |
| Android<br>(android.graphics.Color) | 4288530626<br>(0xFF9DC8C2)    |
| YUV                                 | 186.4590, 3.7177,<br>-25.8355 |
| Hunter-Lab                          | 72.3683, -17.3850,<br>2.4734  |

# Details

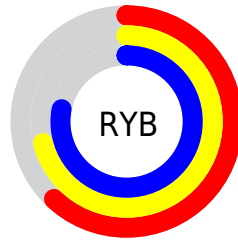
The Hex color **9DC8C2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C89DA3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D4FFFA**, and **69928C** is the 20% darker color. If you saturate the color by 10%, you get **89C8BF**, and if you desaturate by 10%, it is **B1C8C5**.

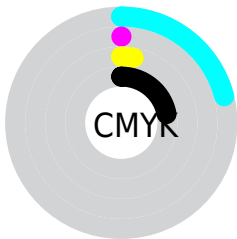
# Distribution



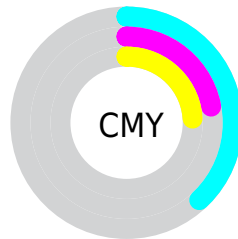
- Red (62%)
- Green (78%)
- Blue (76%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC8C2 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 9DC8C2 by changing the saturation by 10% instead.





9DC8C2



9DC8C2

FFFFFF



82ADA7



D4FFFA



69928C



F1FFFF



507873



375F5A



1F4843



05312D



001D18



000000



9DC8C2



9DC8C2

 89C8BF

 B1C8C5

 75C8BC

 C5C8C8

 61C8BA

 D9C8CA

 4DC8B7

 EDC8CD

 39C8B4

 FFC8D0

 25C8B1

 FFC8D3

 11C8AE

 FFC8D6

 00C8AC

 FFC8D8

 FFC8DB

# Harmonies

## Analogous

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



A8C7B3



9DC8C2



9BC7D0

# Triad

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



9DC8C2



C6BBD7



D5BBA6

# Complementary

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



9DC8C2



C89DA3

# 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.



DDB7AF



9DC8C2



D5B7CB

# Square

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



9DC8C2



B4C0DC



DDB6BD



C8BFA3

# Rectangle

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



9DC8C2



9FC5D7



DDB6BD



D9B9A8



# Sweetspot

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



9DC8C2



F0FFFD



A3C89D



77807E



000000



808080

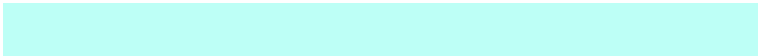


# Same Dimension

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



9DC8C2



BDFFF6



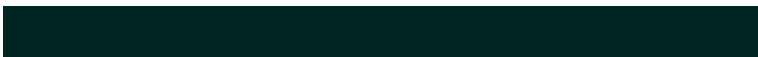
9DB9C8



5A6362



00A38C



00241F



# Inverse Universe

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



C89DA3



FFBDC6



C8AC9D



635A5B



A30017

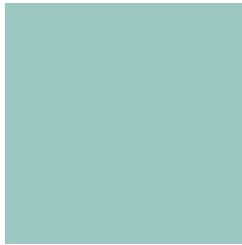


240005



# Previews

## White Background



This preview shows how the Hex color 9DC8C2 looks on a white background.

## Color Contrast Check

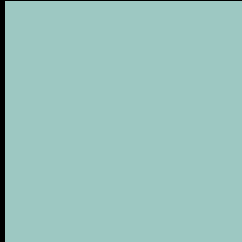
Large Text (above 18pt) WCAG AA × Fail

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 9DC8C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

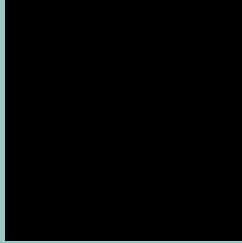
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

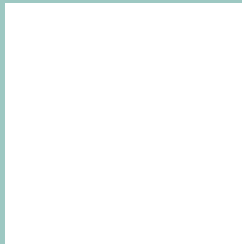
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DC8C2 Background



This preview shows how black text looks on a background with the Hex color 9DC8C2.



This preview shows how white text looks on a background with the Hex color 9DC8C2.

# 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

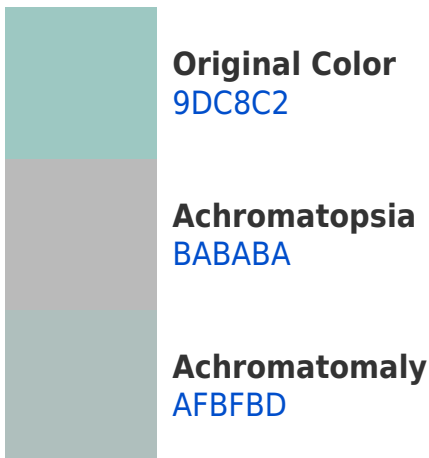




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC8C2 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 #9DC8C2 looks like.

```
.text, #text, p{  
    color:#9DC8C2  
}
```

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 #9DC8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC8C2
}
```

## Border

The CSS property to change the border of an element to Hex 9DC8C2 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
#9DC8C2 }
```

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

```
.border{ border-color:#9DC8C2 }
```

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

Here you see how a box with a 4 pixel #9DC8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC8C2; -webkit-box-shadow:4px 4px  
4px 4px #9DC8C2; box-shadow:4px 4px 4px  
4px #9DC8C2 }
```

# Background

The CSS property to change the background color of an element to Hex 9DC8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC8C2 }
```

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

```
.background{ background-color:#9DC8C2 }
```

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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