

# Converting Colors

Hex(9DC6C1)

Have a look what the booklet for  
Hex(9DC6C1) contains.

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# **Color**

**Hex(9DC6C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC6C1
RGB	157, 198, 193
RGB Percent	62%, 78%, 76%
CMY	0.3843, 0.2235, 0.2431
CMYK	0.21, 0.00, 0.03, 0.22
HSL	173°, 26%, 70%
HSV	173°, 21%, 78%
XYZ	43.7244, 51.4065, 58.0700
YIQ	185.1710, -22.8310, -10.2470

# Conversions

## Conversions Part 2

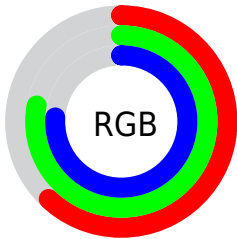
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 179, 198
Decimal	10340033
CIELab	76.92, -14.56, -1.98
CIELCh	77, 14.690, 187.732
Yxy	51.4065, 0.2854, 0.3355
Android (android.graphics.Color)	4288530113 (0xFF9DC6C1)
YUV	185.1710, 3.8597, -24.7060
Hunter-Lab	71.6983, -16.6161, 2.1686

# Details

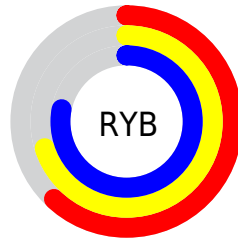
The Hex color **9DC6C1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C69DA2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D4FFF9**, and **69908C** is the 20% darker color. If you saturate the color by 10%, you get **89C6BF**, and if you desaturate by 10%, it is **B1C6C3**.

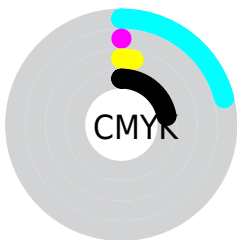
# Distribution



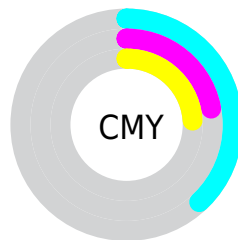
- Red (62%)
- Green (78%)
- Blue (76%)



- Red (62%)
- Yellow (70%)
- 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 9DC6C1 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 9DC6C1 by changing the saturation by 10% instead.



■ 9DC6C1

FFFFFF

■ D4FFF9

■ F1FFFF

■ 9DC6C1

■ 82ABA6

■ 69908C

■ 507672

■ 385E5A

■ 204642

■ 072F2C

■ 001B18

■ 000000

■ 9DC6C1

■ 9DC6C1

 89C6BF

 B1C6C3

 75C6BC

 C5C6C6

 62C6BA

 D8C6C8

 4EC6B7

 ECC6CB

 3AC6B5

 FFC6CD

 26C6B3

 FFC6CF

 12C6B0

 FFC6D2

 00C6AE

 FFC6D4

 FFC6D7

# Harmonies

## Analogous

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



A7C5B3



9DC6C1



9CC5CE

# Triad

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



9DC6C1



C5B9D3



D2BAA5

# Complementary

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



9DC6C1



C69DA2

# 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.



DAB6AE



9DC6C1



D3B6C8

# Square

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



9DC6C1



B4BED9



DAB5BB



C5BEA3

# Rectangle

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



9DC6C1



A0C3D4



DAB5BB



D6B8A7

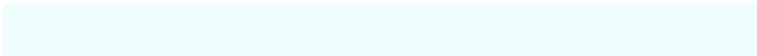


# Sweetspot

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



9DC6C1



F0FFFD



A2C69D



77807E



000000



808080



# Same Dimension

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



9DC6C1



BFFFF7



9DB7C6



5A6362



00A38F



00241F



# Inverse Universe

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



C69DA2



FFBFC7



C6AC9D



635A5B



A30014

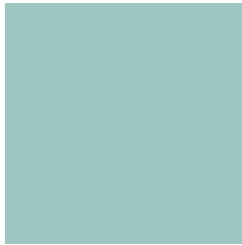


240004



# Previews

## White Background



This preview shows how the Hex color 9DC6C1 looks on a white background.

## Color Contrast Check

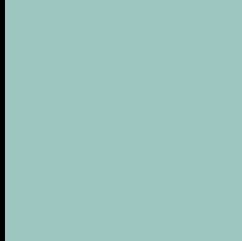
Large Text (above 18pt) WCAG AA × Fail

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 9DC6C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

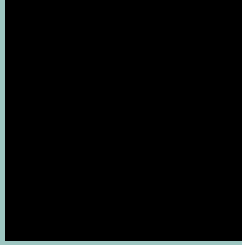
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

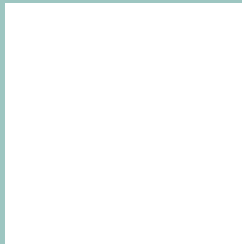
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DC6C1 Background



This preview shows how black text looks on a background with the Hex color 9DC6C1.

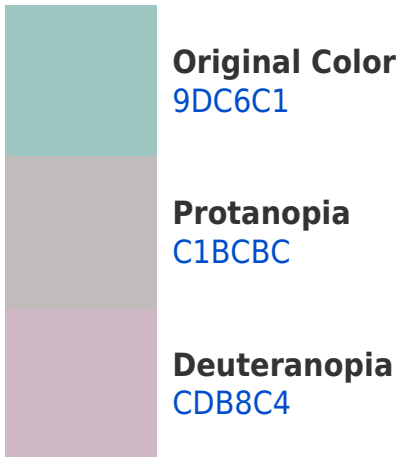


This preview shows how white text looks on a background with the Hex color 9DC6C1.

# Color Blindness Simulation

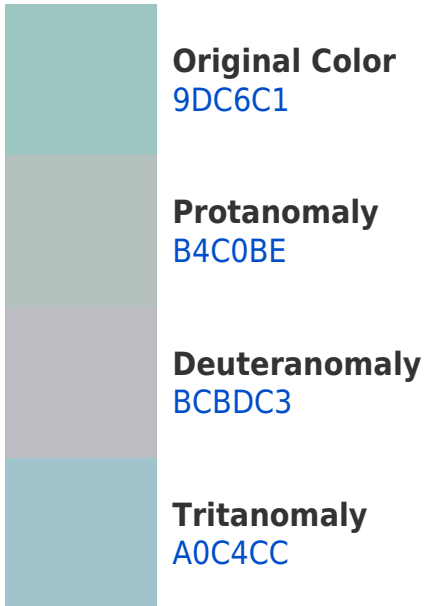
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC6C1 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 #9DC6C1 looks like.

```
.text, #text, p{  
    color:#9DC6C1  
}
```

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 #9DC6C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC6C1
}
```

## Border

The CSS property to change the border of an element to Hex 9DC6C1 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
#9DC6C1 }
```

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

```
.border{ border-color:#9DC6C1 }
```

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

Here you see how a box with a 4 pixel #9DC6C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC6C1; -webkit-box-shadow:4px 4px  
4px 4px #9DC6C1; box-shadow:4px 4px 4px  
4px #9DC6C1 }
```

# Background

The CSS property to change the background color of an element to Hex 9DC6C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC6C1 }
```

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

```
.background{ background-color:#9DC6C1 }
```

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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