

# Converting Colors

Hex(9DC7C6)

Have a look what the booklet for  
Hex(9DC7C6) contains.

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# **Color**

**Hex(9DC7C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC7C6
RGB	157, 199, 198
RGB Percent	62%, 78%, 78%
CMY	0.3843, 0.2196, 0.2235
CMYK	0.21, 0.00, 0.01, 0.22
HSL	179°, 27%, 70%
HSV	179°, 21%, 78%
XYZ	44.5211, 52.0922, 61.1344
YIQ	186.3280, -24.7110, -9.2150

# Conversions

## Conversions Part 2

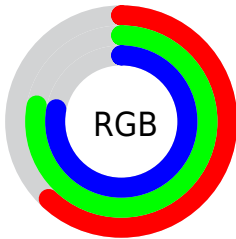
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 178, 199
Decimal	10340294
CIELab	77.34, -14.00, -4.07
CIELCh	77, 14.579, 196.216
Yxy	52.0922, 0.2822, 0.3302
Android (android.graphics.Color)	4288530374 (0xFF9DC7C6)
YUV	186.3280, 5.7543, -25.7207
Hunter-Lab	72.1749, -16.1983, 0.3020

# Details

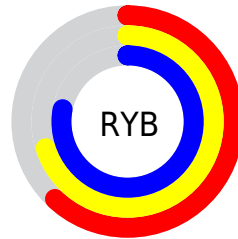
The Hex color **9DC7C6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C79D9E**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D4FFFF**, and **699190** is the 20% darker color. If you saturate the color by 10%, you get **89C7C6**, and if you desaturate by 10%, it is **B1C7C6**.

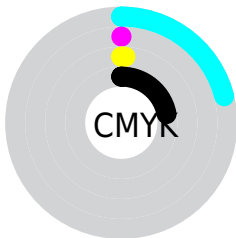
# Distribution



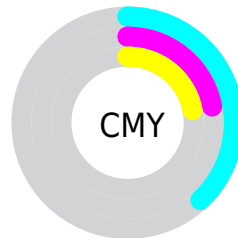
- Red (62%)
- Green (78%)
- Blue (78%)



- Red (62%)
- Yellow (70%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC7C6 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 9DC7C6 by changing the saturation by 10% instead.



 9DC7C6

 9DC7C6

FFFFFF

 82ACAB

 D4FFFF

 699190

 F1FFFF

 507777

 375F5E

 1F4746

 053030

 001C1B

 000000

 9DC7C6

 9DC7C6

 89C7C6

 B1C7C6

 75C7C5

 C5C7C7

 61C7C5

 D9C7C7

 4DC7C4

 EDC7C8

 3AC7C4

 FFC7C8

 26C7C3

 FFC7C9

 12C7C3

 FFC7CA

 00C7C2

# Harmonies

## Analogous

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



A5C7B8



9DC7C6



9EC5D2

# Triad

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



9DC7C6



CAB9D2



D0BCA5

# Complementary

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



9DC7C6



C79D9E

# 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.



D9B8AC



9DC7C6



D7B6C6

# Square

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



9DC7C6



BABED9



DCB6B8



C2C0A5

# Rectangle

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



9DC7C6



A5C3D7



DCB6B8



D4BBA7



# Sweetspot

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



9DC7C6



F0FFFF



9EC79D



77807F



000000



808080

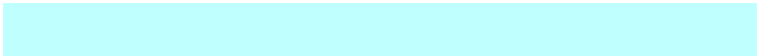


# Same Dimension

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



9DC7C6



BFFFFD



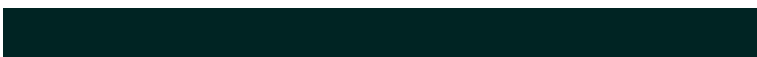
9DB3C7



5A6363



00A39F



002423



# Inverse Universe

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



C79D9E



FFBFC1



C7B19D



635A5A



A30004

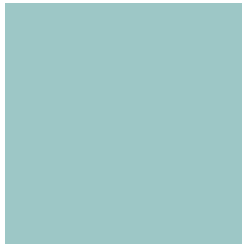


240001



# Previews

## White Background



This preview shows how the Hex color 9DC7C6 looks on a white background.

## Color Contrast Check

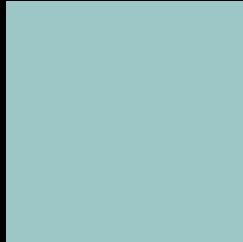
Large Text (above 18pt) WCAG AA × Fail

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 9DC7C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

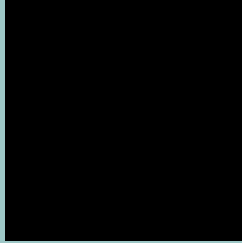
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

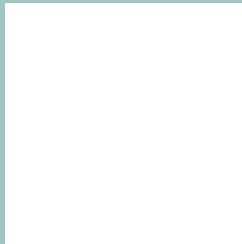
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DC7C6 Background



This preview shows how black text looks on a background with the Hex color 9DC7C6.



This preview shows how white text looks on a background with the Hex color 9DC7C6.

# 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



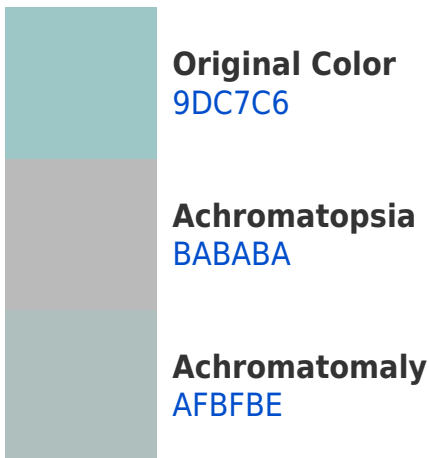


**Tritanopia**  
A0C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC7C6 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 #9DC7C6 looks like.

```
.text, #text, p{  
    color:#9DC7C6  
}
```

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 #9DC7C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC7C6
}
```

## Border

The CSS property to change the border of an element to Hex 9DC7C6 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
#9DC7C6 }
```

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

```
.border{ border-color:#9DC7C6 }
```

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

Here you see how a box with a 4 pixel #9DC7C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC7C6; -webkit-box-shadow:4px 4px  
4px 4px #9DC7C6; box-shadow:4px 4px 4px  
4px #9DC7C6 }
```

# Background

The CSS property to change the background color of an element to Hex 9DC7C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC7C6 }
```

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

```
.background{ background-color:#9DC7C6 }
```

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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