

# Converting Colors

Hex(9CC7C4)

Have a look what the booklet for  
Hex(9CC7C4) contains.

<b>Hex(9CC7C4)</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(9CC7C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CC7C4
RGB	156, 199, 196
RGB Percent	61%, 78%, 77%
CMY	0.3882, 0.2196, 0.2314
CMYK	0.22, 0.00, 0.02, 0.22
HSL	176°, 28%, 70%
HSV	176°, 22%, 78%
XYZ	44.0975, 51.9003, 59.9181
YIQ	185.8010, -24.6650, -10.0490

# Conversions

## Conversions Part 2

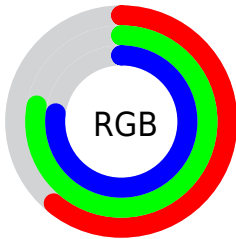
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 178, 199
Decimal	10274756
CIELab	77.22, -14.74, -3.17
CIELCh	77, 15.077, 192.128
Yxy	51.9003, 0.2828, 0.3329
Android (android.graphics.Color)	4288464836 (0xFF9CC7C4)
YUV	185.8010, 5.0281, -26.1355
Hunter-Lab	72.0419, -16.8116, 1.1171

# Details

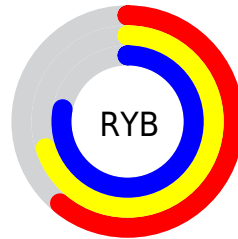
The Hex color **9CC7C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C79C9F**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D3FFFD**, and **68918E** is the 20% darker color. If you saturate the color by 10%, you get **88C7C3**, and if you desaturate by 10%, it is **B0C7C5**.

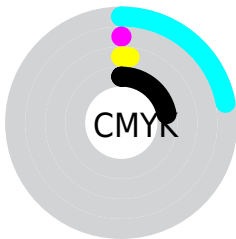
# Distribution



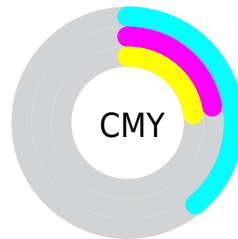
- Red (61%)
- Green (78%)
- Blue (77%)



- Red (61%)
- Yellow (70%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (39%)
- Magenta (22%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CC7C4 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 9CC7C4 by changing the saturation by 10% instead.





9CC7C4



9CC7C4

FFFFFF



81ACA9



D3FFFD



68918E



F0FFFF



4F7775



365E5C



1E4745



04302F



001C1A



000000



9CC7C4



9CC7C4

 88C7C3

 B0C7C5

 74C7C1

 C4C7C7

 60C7C0

 D8C7C8

 4CC7BE

 ECC7CA

 39C7BD

 FFC7CB

 25C7BC

 FFC7CC

 11C7BA

 FFC7CE

 00C7B9

 FFC7CF

 FFC7D0

# Harmonies

## Analogous

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



A5C6B6



9CC7C4



9CC6D1

# Triad

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



9CC7C4



C8B9D3



D2BBA5

# Complementary

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



9CC7C4



C79C9F

# 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.



DBB7AD



9CC7C4



D6B6C8

# Square

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



9CC7C4



B7BEDA



DCB5B9



C4C0A3

# Rectangle

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



9CC7C4



A2C4D7



DCB5B9



D6BAA6



# Sweetspot

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



9CC7C4



F0FFFE



A0C79C



77807F



000000



808080

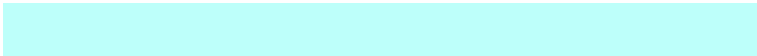


# Same Dimension

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



9CC7C4



BDFFFA



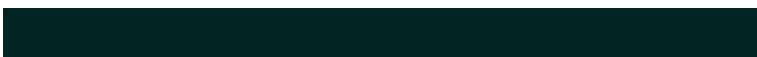
9CB5C7



5A6363



00A398



002421



# Inverse Universe

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



C79C9F



FFBDC1



C7AE9C



635A5A



A3000B



240002



# Previews

## White Background



This preview shows how the Hex color 9CC7C4 looks on a white background.

## Color Contrast Check

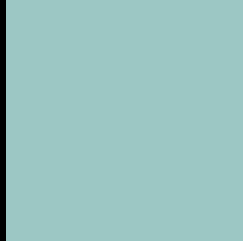
Large Text (above 18pt) WCAG AA × Fail

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 9CC7C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

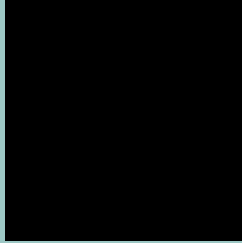
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

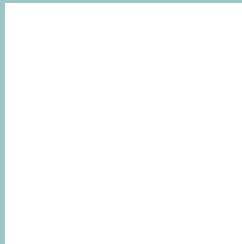
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CC7C4 Background



This preview shows how black text looks on a background with the Hex color 9CC7C4.

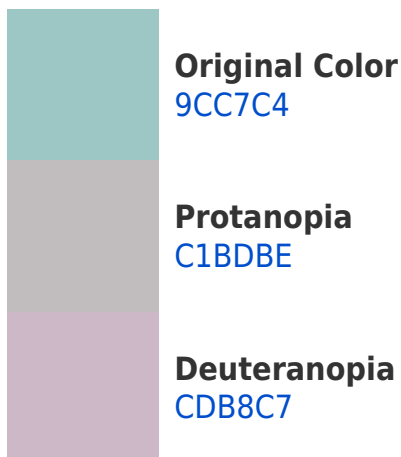


This preview shows how white text looks on a background with the Hex color 9CC7C4.

# 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](#).

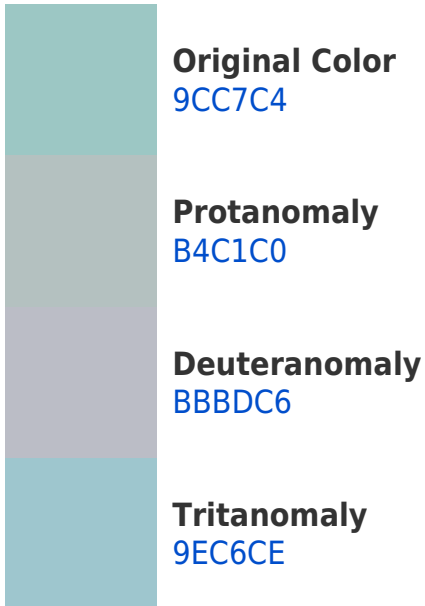
## Dichromacy





**Tritanopia**  
9FC5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CC7C4 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 #9CC7C4 looks like.

```
.text, #text, p{  
    color:#9CC7C4  
}
```

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 #9CC7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC7C4
}
```

## Border

The CSS property to change the border of an element to Hex 9CC7C4 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
#9CC7C4 }
```

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

```
.border{ border-color:#9CC7C4 }
```

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

Here you see how a box with a 4 pixel #9CC7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC7C4; -webkit-box-shadow:4px 4px  
4px 4px #9CC7C4; box-shadow:4px 4px 4px  
4px #9CC7C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9CC7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC7C4 }
```

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

```
.background{ background-color:#9CC7C4 }
```

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