

# Converting Colors

Hex(9CD098)

Have a look what the booklet for  
Hex(9CD098) contains.

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**Color**

**Hex(9CD098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CD098
RGB	156, 208, 152
RGB Percent	61%, 82%, 60%
CMY	0.3882, 0.1843, 0.4039
CMYK	0.25, 0.00, 0.27, 0.18
HSL	116°, 37%, 71%
HSV	116°, 27%, 82%
XYZ	41.9337, 54.4467, 38.0049
YIQ	186.0680, -13.0160, -28.4400

# Conversions

## Conversions Part 2

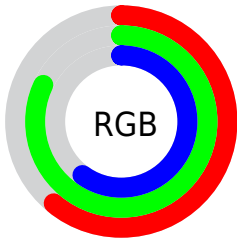
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 208, 204</a>
Decimal	<a href="#">10277016</a>
CIELab	<a href="#">78.72, -27.64, 22.50</a>
CIELCh	<a href="#">79, 35.641, 140.864</a>
Yxy	<a href="#">54.4467, 0.3120, 0.4052</a>
Android (android.graphics.Color)	<a href="#">4288467096 (0xFF9CD098)</a>
YUV	<a href="#">186.0680, -16.7955, -26.3696</a>
Hunter-Lab	<a href="#">73.7880, -27.6875, 21.1140</a>

# Details

The Hex color **9CD098** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CC98D0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D3FFCF**, and **679965** is the 20% darker color. If you saturate the color by 10%, you get **89D083**, and if you desaturate by 10%, it is **AFD0AD**.

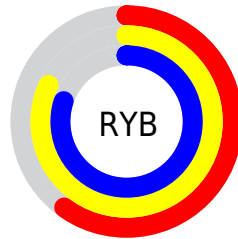
# Distribution



Red (61%)

Green (82%)

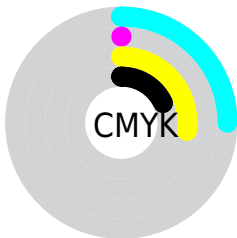
Blue (60%)



Red (60%)

Yellow (82%)

Blue (80%)

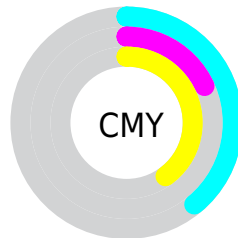


Cyan (25%)

Magenta (0%)

Yellow (27%)

Black (18%)



Cyan (39%)

Magenta (18%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CD098 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 9CD098 by changing the saturation by 10% instead.



 9CD098

 9CD098

FFFFFF

 81B47E

 D3FFCF

 679965

 F0FFEB

 4E7F4C

 356635

 1C4E1F

 003608

 002200

 000000

 9CD098

 9CD098

 89D083

 AFD0AD

 75D06E

 C3D0C2

 62D05A

 D6D0D6

 4FD045

 E9D0EB

 3BD030

 FDD0FF

 28D01B

 FFD0FF

 15D006

 0FD000

# Harmonies

## Analogous

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



C2C884



9CD098



75D4B7

# Triad

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



9CD098



87C9FF



FFABAD

# Complementary

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



9CD098



CC98D0

# 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.



FDABCE



9CD098



B9BEFF

# Square

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



9CD098



5BD1F5



E3B2ED



FBB291

# Rectangle

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



9CD098



5ED5CE



E3B2ED



FFAAB8

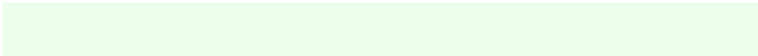


# Sweetspot

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



9CD098



ECFFEB



D0CB98



748073



000000



808080

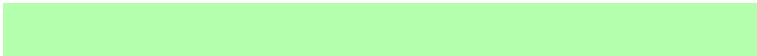


# Same Dimension

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



9CD098



B3FFAD



98D0AF



5F695E



0CA800



032900



# Inverse Universe

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



CC98D0



F9ADFF



D098B9



685E69



9C00A8

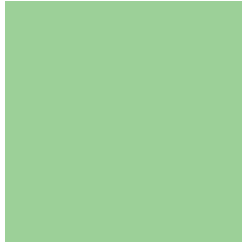


260029



# Previews

## White Background



This preview shows how the Hex color 9CD098 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 9CD098 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 9CD098 Background



This preview shows how black text looks on a background with the Hex color 9CD098.

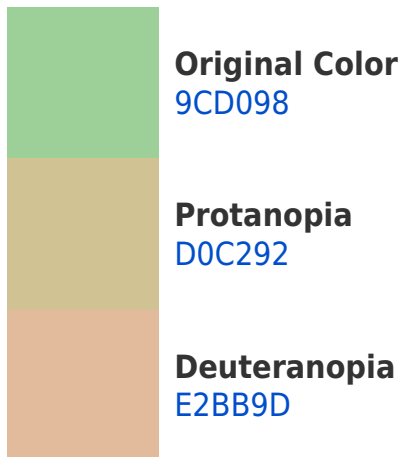


This preview shows how white text looks on a background with the Hex color 9CD098.

# 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](#).

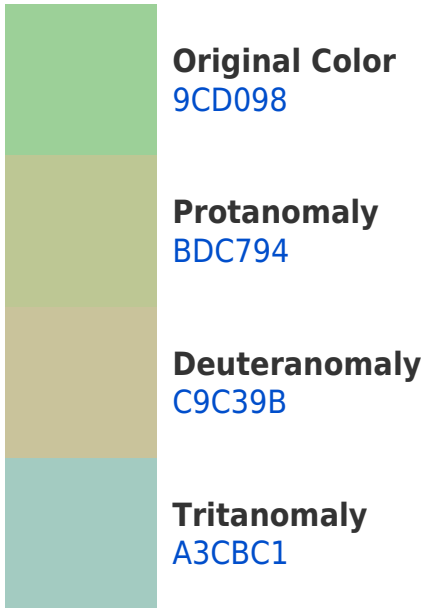
## Dichromacy



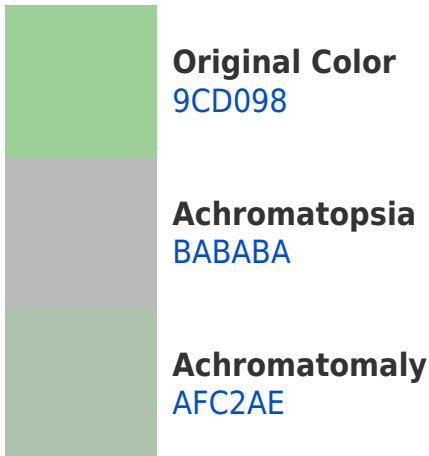


**Tritanopia**  
A7C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CD098 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 #9CD098 looks like.

```
.text, #text, p{  
    color:#9CD098  
}
```

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 #9CD098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD098
}
```

## Border

The CSS property to change the border of an element to Hex 9CD098 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
#9CD098 }
```

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

```
.border{ border-color:#9CD098 }
```

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

Here you see how a box with a 4 pixel #9CD098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD098; -webkit-box-shadow:4px 4px  
4px 4px #9CD098; box-shadow:4px 4px 4px  
4px #9CD098 }
```

# Background

The CSS property to change the background color of an element to Hex 9CD098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD098 }
```

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

```
.background{ background-color:#9CD098 }
```

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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