

Converting Colors

Hex(9CD49F)

Have a look what the booklet for
Hex(9CD49F) contains.

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Color

Hex(9CD49F)

Conversions

Conversions Part 1

Format	Color
Hex	9CD49F
RGB	156, 212, 159
RGB Percent	61%, 83%, 62%
CMY	0.3882, 0.1686, 0.3765
CMYK	0.26, 0.00, 0.25, 0.17
HSL	123°, 39%, 72%
HSV	123°, 26%, 83%
XYZ	43.5118, 56.6581, 41.4437
YIQ	189.2140, -16.3630, -28.3550

Conversions

Conversions Part 2

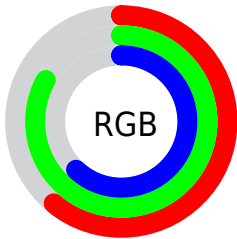
Format	Color
RYB	156, 209, 212
Decimal	10278047
CIELab	79.99, -28.38, 20.55
CIElCh	80, 35.043, 144.092
Yxy	56.6581, 0.3073, 0.4001
Android (android.graphics.Color)	4288468127 (0xFF9CD49F)
YUV	189.2140, -14.8955, -29.1287
Hunter-Lab	75.2716, -28.5408, 20.0457

Details

The Hex color **9CD49F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D49CD1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D4FFD6**, and **679D6B** is the 20% darker color. If you saturate the color by 10%, you get **87D48B**, and if you desaturate by 10%, it is **B1D4B3**.

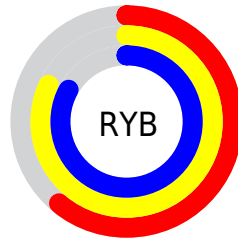
Distribution



Red (61%)

Green (83%)

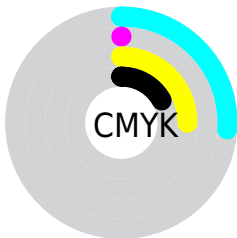
Blue (62%)



Red (61%)

Yellow (82%)

Blue (83%)

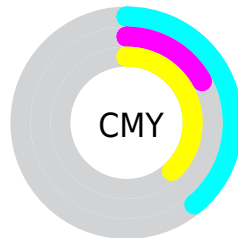


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (17%)



Cyan (39%)

Magenta (17%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CD49F 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 9CD49F by changing the saturation by 10% instead.



9CD49F



9CD49F

FFFFFF



81B885



D4FFD6



679D6B



F0FFF2



4E8353



35693B



1B5125



003910



002400



000000



9CD49F



9CD49F

 87D48B

 B1D4B3

 72D477

 C6D4C7

 5CD463

 DCD4DB

 47D44F

 F1D4EF

 32D43B

 FFD4FF

 1DD427

 08D413

 00D40B

Harmonies

Analogous

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



C2CC8A



9CD49F



76D8BE

Triad

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



9CD49F



91CBFF



FFAFAD

Complementary

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



9CD49F



D49CD1

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.



FFAECE



9CD49F



C2C0FF

Square

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



9CD49F



66D4FA



EAB5ED



FCB793

Rectangle

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



9CD49F



61D8D5



EAB5ED



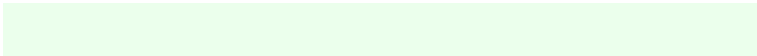
FFAE88

Sweetspot

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



9CD49F



EBFFEC



D1D49C



738073



000000



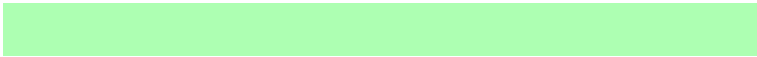
808080

Same Dimension

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



9CD49F



ADFFB2



9CD4BB



606B61



00AB09



002B02

Inverse Universe

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



D49CD1



FFADFB



D49CB5



6B606B



AB00A2



2B0029

Previews

White Background



This preview shows how the Hex color 9CD49F 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 9CD49F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

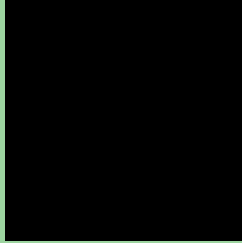
Any Text WCAG AA ✓ Pass

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 9CD49F Background



This preview shows how black text looks on a background with the Hex color 9CD49F.

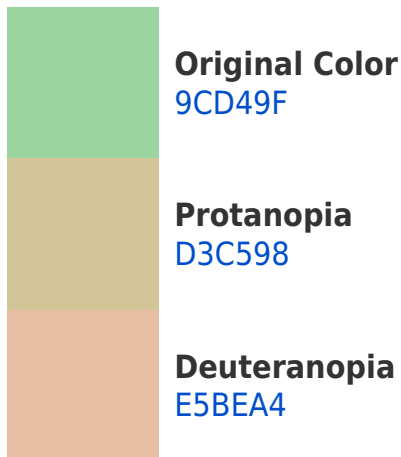


This preview shows how white text looks on a background with the Hex color 9CD49F.

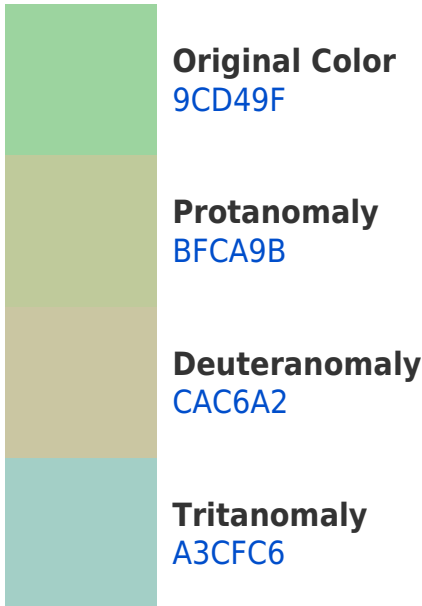
Color Blindness Simulation

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](#).

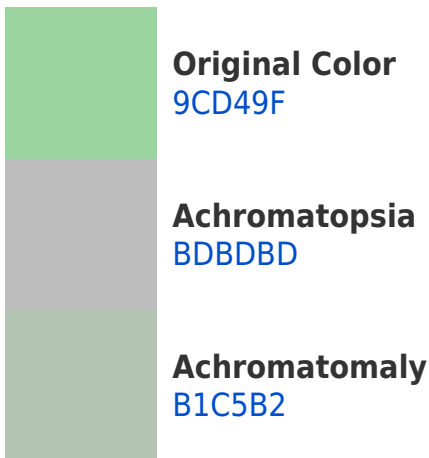
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CD49F 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 #9CD49F looks like.

```
.text, #text, p{  
    color:#9CD49F  
}
```

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 #9CD49F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD49F
}
```

Border

The CSS property to change the border of an element to Hex 9CD49F 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
#9CD49F }
```

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

```
.border{ border-color:#9CD49F }
```

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

Here you see how a box with a 4 pixel #9CD49F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD49F; -webkit-box-shadow:4px 4px  
4px 4px #9CD49F; box-shadow:4px 4px 4px  
4px #9CD49F }
```

Background

The CSS property to change the background color of an element to Hex 9CD49F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD49F }
```

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

```
.background{ background-color:#9CD49F }
```

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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