

Converting Colors

Hex(9CD996)

Have a look what the booklet for
Hex(9CD996) contains.

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Color

Hex(9CD996)

Conversions

Conversions Part 1

Format	Color
Hex	9CD996
RGB	156, 217, 150
RGB Percent	61%, 85%, 59%
CMY	0.3882, 0.1490, 0.4118
CMYK	0.28, 0.00, 0.31, 0.15
HSL	115°, 47%, 72%
HSV	115°, 31%, 85%
XYZ	44.0282, 58.8956, 37.9016
YIQ	191.1230, -14.8490, -33.7690

Conversions

Conversions Part 2

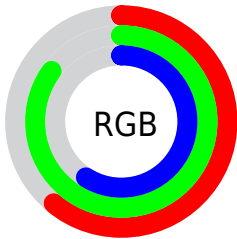
Format	Color
RYB	150, 217, 211
Decimal	10279318
CIELab	81.23, -32.24, 26.96
CIElCh	81, 42.025, 140.102
Yxy	58.8956, 0.3126, 0.4182
Android (android.graphics.Color)	4288469398 (0xFF9CD996)
YUV	191.1230, -20.2736, -30.8029
Hunter-Lab	76.7435, -31.8947, 24.4386

Details

The Hex color **9CD996** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D396D9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D4FFCD**, and **67A263** is the 20% darker color. If you saturate the color by 10%, you get **88D980**, and if you desaturate by 10%, it is **B0D9AC**.

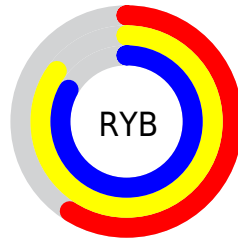
Distribution



Red (61%)

Green (85%)

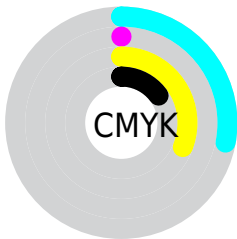
Blue (59%)



Red (59%)

Yellow (85%)

Blue (83%)

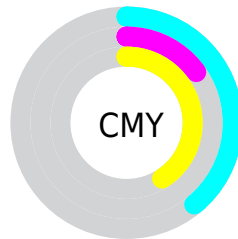


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (15%)



Cyan (39%)

Magenta (15%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CD996 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 9CD996 by changing the saturation by 10% instead.

 9CD996

 9CD996

FFFFFF

 81BD7C

 D4FFCD

 67A263

 F1FFE9

 4D874A

 336E33

 18551C

 003D04

 002700

 000800

 000000

 9CD996

 9CD996

 88D980

 B0D9AC

 74D96B

 C4D9C1

 61D955

 D7D9D7

 4DD93F

 EBD9ED

 39D92A

 FFD9FF

 25D914

 13D900

Harmonies

Analogous

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



C9D07F



9CD996



69DEBB

Triad

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



9CD996



7BD2FF



FFACB1

Complementary

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



9CD996



D396D9

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.



FFADD9



9CD996



BCC4FF

Square

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



9CD996



37DBFF



EFB6FD



FFB58F

Rectangle

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



9CD996



45DFD6



EFB6FD



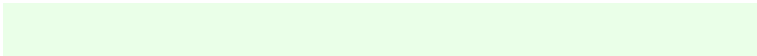
FFABBE

Sweetspot

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



9CD996



EAF FE8



D9D296



738071



000000



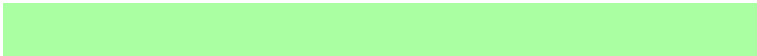
808080

Same Dimension

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



9CD996



A9FFA1



96D9B1



646E63



10AD00



042E00

Inverse Universe

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



D396D9



F7A1FF



D996BE



6D636E



9E00AD



2A002E

Previews

White Background



This preview shows how the Hex color 9CD996 looks on a white background.

Color Contrast Check

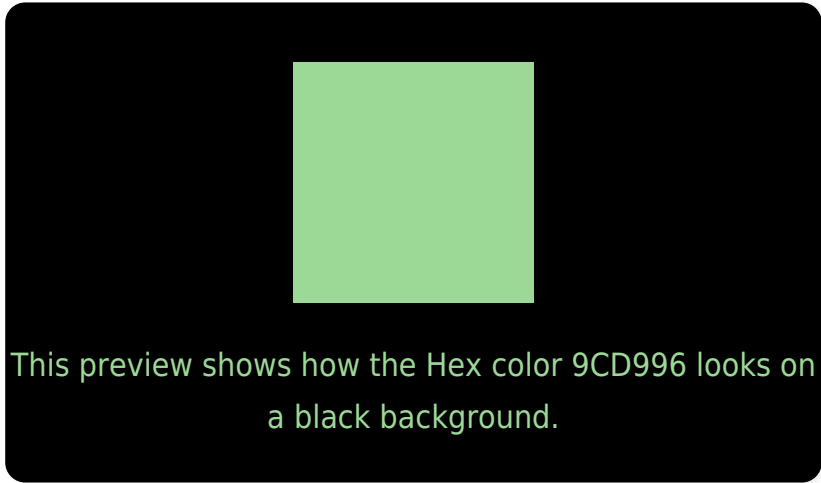
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

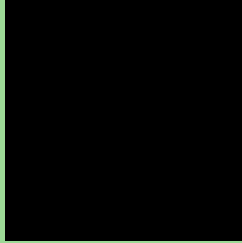
Any Text WCAG AA ✓ Pass

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 9CD996 Background



This preview shows how black text looks on a background with the Hex color 9CD996.

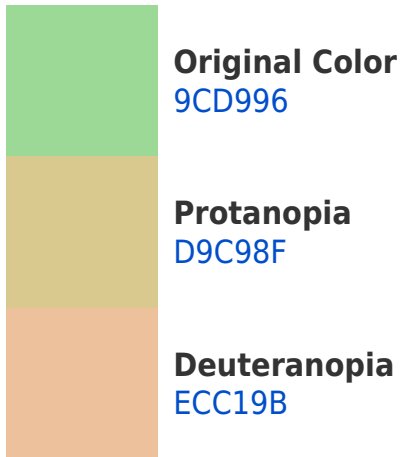


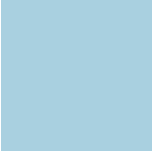
This preview shows how white text looks on a background with the Hex color 9CD996.

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](#).

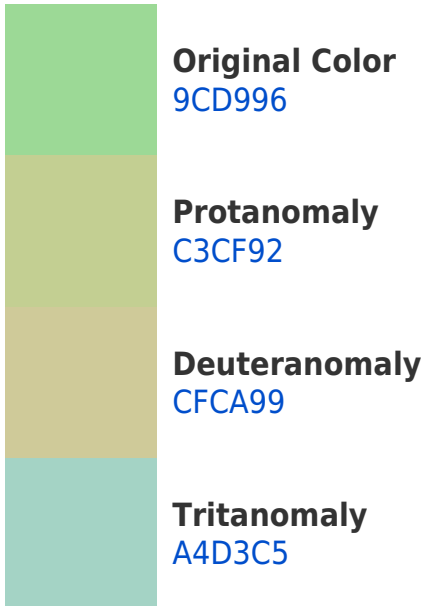
Dichromacy



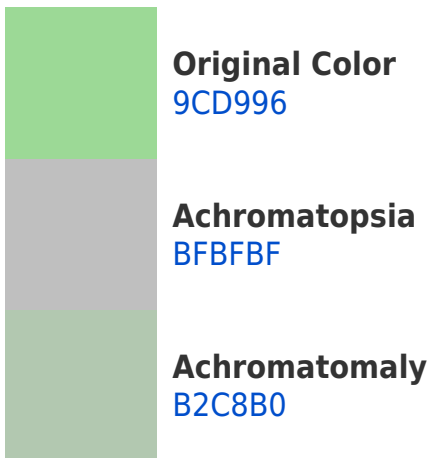


Tritanopia
A9D0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CD996 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 #9CD996 looks like.

```
.text, #text, p{  
    color:#9CD996  
}
```

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 #9CD996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD996
}
```

Border

The CSS property to change the border of an element to Hex 9CD996 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
#9CD996 }
```

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

```
.border{ border-color:#9CD996 }
```

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

Here you see how a box with a 4 pixel #9CD996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD996; -webkit-box-shadow:4px 4px  
4px 4px #9CD996; box-shadow:4px 4px 4px  
4px #9CD996 }
```

Background

The CSS property to change the background color of an element to Hex 9CD996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD996 }
```

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

```
.background{ background-color:#9CD996 }
```

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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