

Converting Colors

Hex(C4DD9E)

Have a look what the booklet for
Hex(C4DD9E) contains.

Hex(C4DD9E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4DD9E)

Conversions

Conversions Part 1

Format	Color
Hex	C4DD9E
RGB	196, 221, 158
RGB Percent	77%, 87%, 62%
CMY	0.2314, 0.1333, 0.3804
CMYK	0.11, 0.00, 0.29, 0.13
HSL	84°, 48%, 74%
HSV	84°, 29%, 87%
XYZ	54.7930, 65.9173, 42.1832
YIQ	206.3430, 5.3230, -24.8930

Conversions

Conversions Part 2

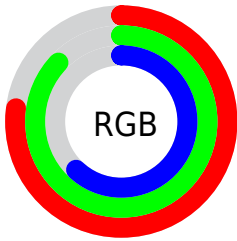
Format	Color
RYB	158, 221, 183
Decimal	12901790
CIELab	84.95, -19.01, 28.26
CIELCh	85, 34.061, 123.935
Yxy	65.9173, 0.3364, 0.4047
Android (android.graphics.Color)	4291091870 (0xFFC4DD9E)
YUV	206.3430, -23.8331, -9.0708
Hunter-Lab	81.1895, -21.6159, 26.0276

Details

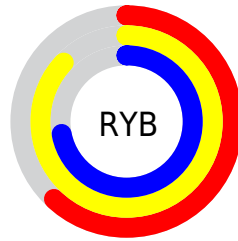
The Hex color **C4DD9E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B79EDD**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FDFFD5**, and **8EA66A** is the 20% darker color. If you saturate the color by 10%, you get **BBDD88**, and if you desaturate by 10%, it is **CDDDB4**.

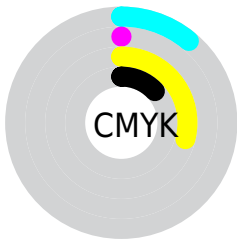
Distribution



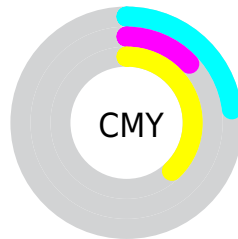
- Red (77%)
- Green (87%)
- Blue (62%)



- Red (62%)
- Yellow (87%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4DD9E 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 C4DD9E by changing the saturation by 10% instead.

 C4DD9E

 C4DD9E

FFFFFF

 A8C184

 FDFFD5

 8EA66A

 FFFFF2

 748B51

 5A723A

 425923

 2A420C

 152B00

 001900

 000000

 C4DD9E

 C4DD9E

 BBDD88

 CDDDB4

 B2DD72

 D6DDCA

 AADD5C

 DEDDE0

 A1DD46

 E7DDF6

 98DD30

 F0DDFF

 8FDD19

 F9DDFF

 87DD03

 FFDDFF

 85DD00

Harmonies

Analogous

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



E7D394



C4DD9E



9FE3B7

Triad

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



C4DD9E



85DFFF



FFBCD1

Complementary

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



C4DD9E



B79EDD

Split Complementary

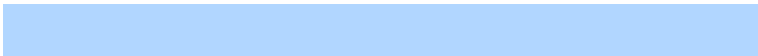
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1F1



C4DD9E



B1D6FF

Square

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



C4DD9E



6FE5F7



DECAFF



FFC0B2

Rectangle

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



C4DD9E



87E6CC



DECAFF



FFBDDC

Sweetspot

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



C4DD9E



F6FFE8



DDB69E



7A8071



000000



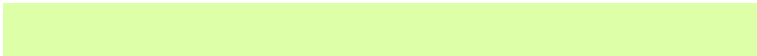
808080

Same Dimension

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



C4DD9E



DFFA8



A5DD9E



696E63



69AD00



1C2E00

Inverse Universe

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



B79EDD



CBA8FF



D69EDD



67636E



4500AD



12002E

Previews

White Background



This preview shows how the Hex color C4DD9E looks on a white background.

Color Contrast Check

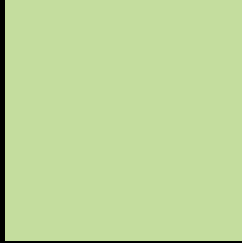
Large Text (above 18pt) WCAG AA × Fail

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 C4DD9E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

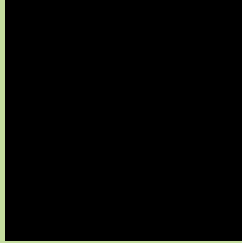
Any Text WCAG AA ✓ Pass

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 C4DD9E Background



This preview shows how black text looks on a background with the Hex color C4DD9E.

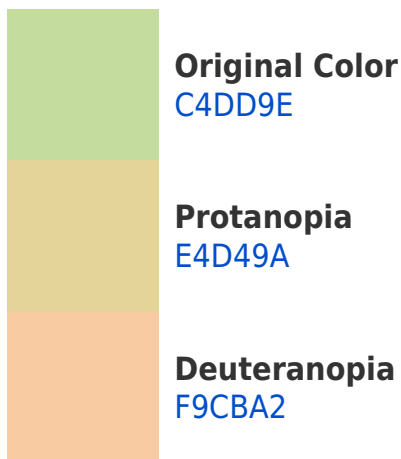


This preview shows how white text looks on a background with the Hex color C4DD9E.

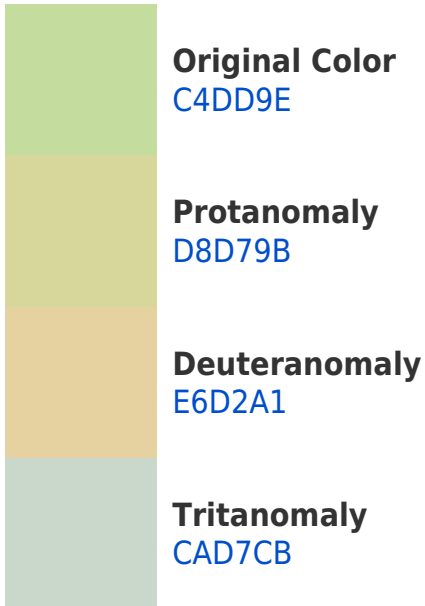
Color Blindness Simulation

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](#).

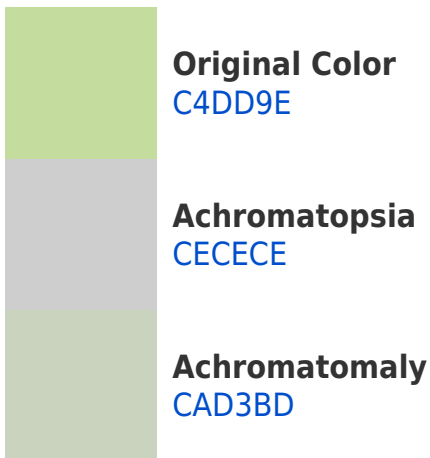
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4DD9E 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 #C4DD9E looks like.

```
.text, #text, p{  
    color:#C4DD9E  
}
```

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 #C4DD9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DD9E
}
```

Border

The CSS property to change the border of an element to Hex C4DD9E 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
#C4DD9E }
```

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

```
.border{ border-color:#C4DD9E }
```

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

Here you see how a box with a 4 pixel #C4DD9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DD9E; -webkit-box-shadow:4px 4px  
4px 4px #C4DD9E; box-shadow:4px 4px 4px  
4px #C4DD9E }
```

Background

The CSS property to change the background color of an element to Hex C4DD9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DD9E }
```

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

```
.background{ background-color:#C4DD9E }
```

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