

Converting Colors

Hex(C4DE9A)

Have a look what the booklet for
Hex(C4DE9A) contains.

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Color

Hex(C4DE9A)

Conversions

Conversions Part 1

Format	Color
Hex	C4DE9A
RGB	196, 222, 154
RGB Percent	77%, 87%, 60%
CMY	0.2314, 0.1294, 0.3961
CMYK	0.12, 0.00, 0.31, 0.13
HSL	83°, 51%, 74%
HSV	83°, 31%, 87%
XYZ	54.7190, 66.3114, 40.4872
YIQ	206.4740, 6.3320, -26.6600

Conversions

Conversions Part 2

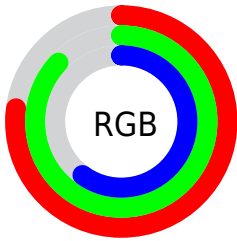
Format	Color
RYB	154, 222, 180
Decimal	12902042
CIELab	85.16, -20.07, 30.59
CIELCh	85, 36.582, 123.269
Yxy	66.3114, 0.3388, 0.4106
Android (android.graphics.Color)	4291092122 (0xFFC4DE9A)
YUV	206.4740, -25.8697, -9.1857
Hunter-Lab	81.4318, -22.5607, 27.5238

Details

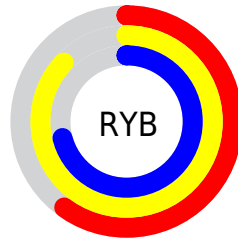
The Hex color **C4DE9A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B49ADE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FDFFD1**, and **8DA766** is the 20% darker color. If you saturate the color by 10%, you get **BCDE84**, and if you desaturate by 10%, it is **CCDEB0**.

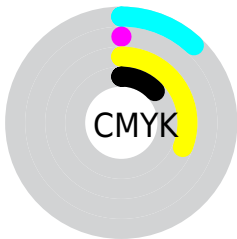
Distribution



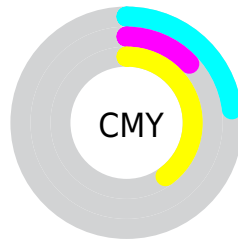
- Red (77%)
- Green (87%)
- Blue (60%)



- Red (60%)
- Yellow (87%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4DE9A 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 C4DE9A by changing the saturation by 10% instead.

 C4DE9A

 C4DE9A

FFFFFF

 A8C280

 FDFFD1

 8DA766

 FFFFED

 738C4E

 5A7336

 415A1F

 2A4307

 142C00

 001A00

 000000

 C4DE9A

 C4DE9A

 BCDE84

 CCDEB0

 B3DE6E

 D5DEC6

 ABDE57

 DDDEDD

 A2DE41

 E6DEF3

 9ADE2B

 EEDEFF

 91DE15

 F7DEFF

 89DE00

 FFDEFF

Harmonies

Analogous

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



E9D48F



C4DE9A



9BE5B5

Triad

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



C4DE9A



7BE1FF



FFBBD2

Complementary

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



C4DE9A



B49ADE

Split Complementary

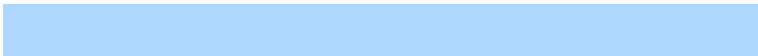
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC0F4



C4DE9A



ADD7FF

Square

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



C4DE9A



63E6F9



DECAFF



FFBE80

Rectangle

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



C4DE9A



81E7CB



DECAFF



FFBBDE

Sweetspot

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



C4DE9A



F6FFE8



DEB39A



7A8071



000000



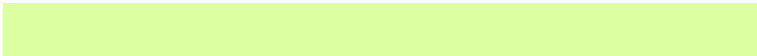
808080

Same Dimension

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



C4DE9A



DBFFA1



A3DE9A



6C7065



6DB000



1E3000

Inverse Universe

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



B49ADE



C5A1FF



D59ADE



696570



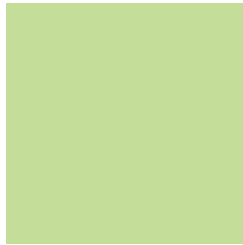
4300B0



130030

Previews

White Background



This preview shows how the Hex color C4DE9A 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 C4DE9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

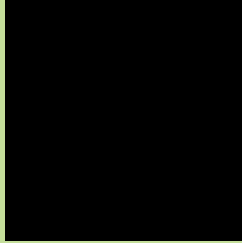
Any Text WCAG AA ✓ Pass

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 C4DE9A Background



This preview shows how black text looks on a background with the Hex color C4DE9A.

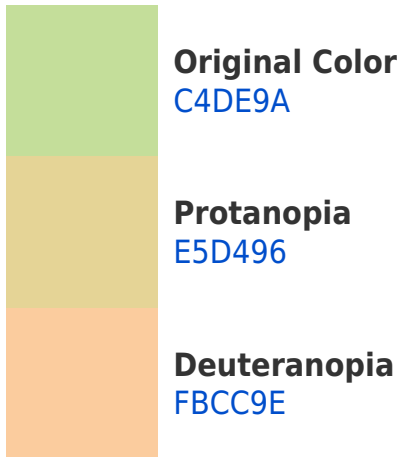


This preview shows how white text looks on a background with the Hex color C4DE9A.

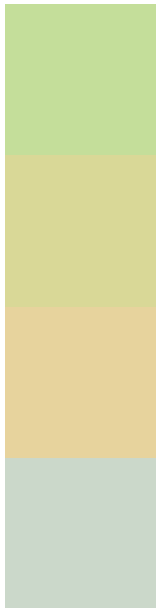
Color Blindness Simulation

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



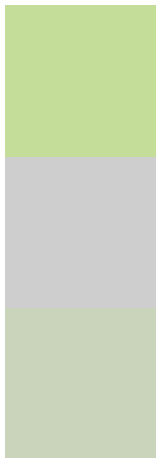
Original Color
C4DE9A

Protanomaly
D9D897

Deuteranomaly
E7D39D

Tritanomaly
CBD8CA

Monochromacy



Original Color
C4DE9A

Achromatopsia
CECECE

Achromatomaly
CAD4BB

CSS Examples

Text

The CSS property to change the color of the text to Hex C4DE9A 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 #C4DE9A looks like.

```
.text, #text, p{  
    color:#C4DE9A  
}
```

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 #C4DE9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DE9A
}
```

Border

The CSS property to change the border of an element to Hex C4DE9A 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
#C4DE9A }
```

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

```
.border{ border-color:#C4DE9A }
```

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

Here you see how a box with a 4 pixel #C4DE9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DE9A; -webkit-box-shadow:4px 4px  
4px 4px #C4DE9A; box-shadow:4px 4px 4px  
4px #C4DE9A }
```

Background

The CSS property to change the background color of an element to Hex C4DE9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DE9A }
```

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

```
.background{ background-color:#C4DE9A }
```

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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