

# Converting Colors

Hex(C4DB84)

Have a look what the booklet for  
Hex(C4DB84) contains.

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**Color**

**Hex(C4DB84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4DB84
RGB	196, 219, 132
RGB Percent	77%, 86%, 52%
CMY	0.2314, 0.1412, 0.4824
CMYK	0.11, 0.00, 0.40, 0.14
HSL	76°, 55%, 69%
HSV	76°, 40%, 86%
XYZ	52.2613, 64.0647, 31.4411
YIQ	202.2050, 14.2190, -31.9330

# Conversions

## Conversions Part 2

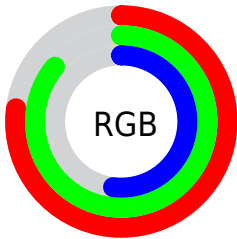
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 219, 155
Decimal	12901252
CIELab	84.00, -21.41, 40.22
CIELCh	84, 45.563, 118.027
Yxy	64.0647, 0.3537, 0.4336
Android (android.graphics.Color)	4291091332 (0xFFC4DB84)
YUV	202.2050, -34.6111, -5.4418
Hunter-Lab	80.0405, -23.5216, 32.7383

# Details

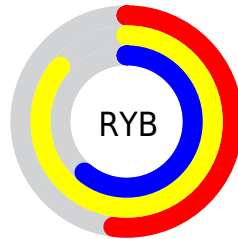
The Hex color **C4DB84** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9B84DB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FEFFBA**, and **8DA451** is the 20% darker color. If you saturate the color by 10%, you get **BEDB6E**, and if you desaturate by 10%, it is **CADB9A**.

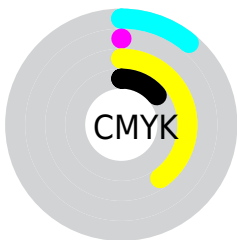
# Distribution



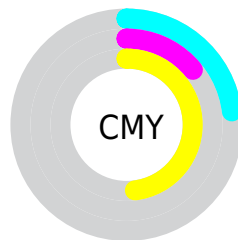
- Red (77%)
- Green (86%)
- Blue (52%)



- Red (52%)
- Yellow (86%)
- Blue (61%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4DB84 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 C4DB84 by changing the saturation by 10% instead.



 C4DB84

FFFFFF

 FEFFBA

 FFFFD6

 FFFFF3

 C4DB84

 A8BF6A

 8DA451

 728A38

 59701F

 405802

 284000

 0E2A00

 001700

 000000

 C4DB84

 C4DB84

 BEDB6E

 CADB9A

 B8DB58

 D0DBB0

 B3DB42

 D5DBC6

 ADDB2C

 DBDBDC

 A7DB17

 E1DBF2

 A1DB01

 E7DBFF

 A1DB00

 EDDBFF

 F2DBFF

 F8DBFF

# Harmonies

## Analogous

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



F0CE7B



C4DB84



91E4A3

# Triad

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



C4DB84



36E2FF



FFB0D6

# Complementary

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



C4DB84



9B84DB

# 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.



FFB8FF



C4DB84



8DD7FF

# Square

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



C4DB84



00E8F8



D2C7FF



FFB3AB

# Rectangle

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



C4DB84



6AE7BE



D2C7FF



FFB2E5

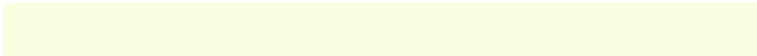


# Sweetspot

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



C4DB84



F7FFE0



DB9A84



7B806E



000000



808080

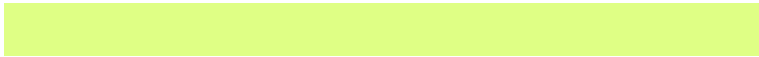


# Same Dimension

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



C4DB84



DFFF85



9ADB84



6B6E63



80AD00



222E00



# Inverse Universe

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



9B84DB



A585FF



C584DB



66636E



2E00AD



0C002E



# Previews

## White Background



This preview shows how the Hex color C4DB84 looks on a white background.

## Color Contrast Check

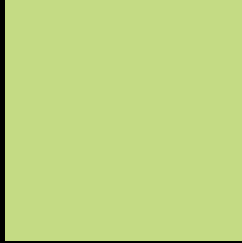
Large Text (above 18pt) WCAG AA × Fail

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 C4DB84 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

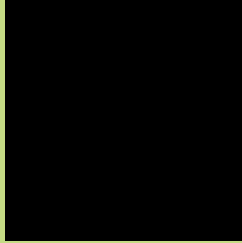
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4DB84 Background



This preview shows how black text looks on a background with the Hex color C4DB84.

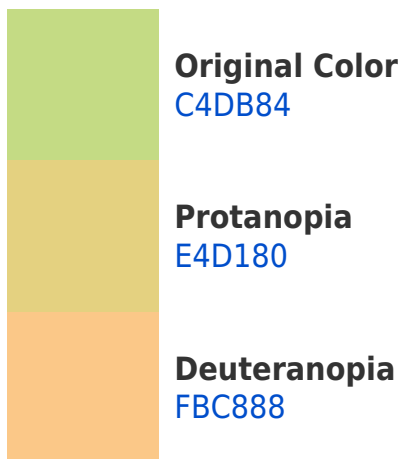


This preview shows how white text looks on a background with the Hex color C4DB84.

# 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](#).

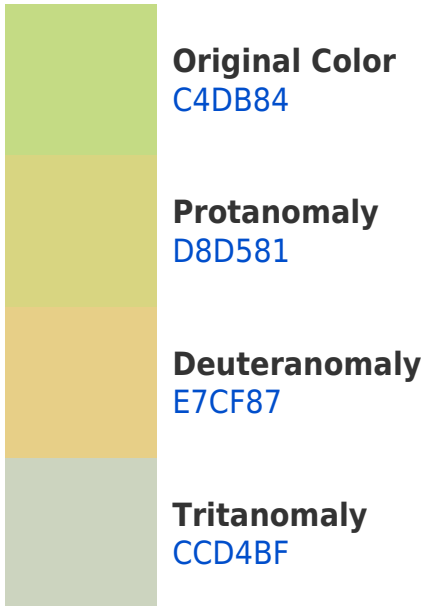
## Dichromacy



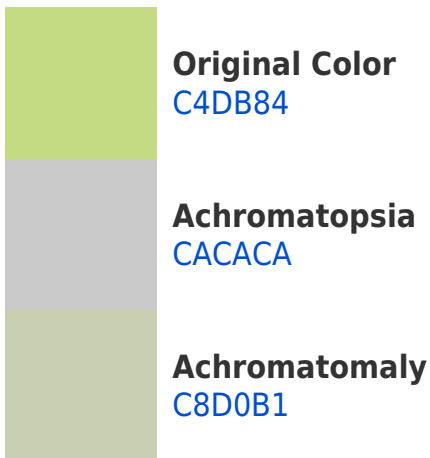


**Tritanopia**  
D0D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4DB84 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 #C4DB84 looks like.

```
.text, #text, p{  
    color:#C4DB84  
}
```

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 #C4DB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DB84
}
```

## Border

The CSS property to change the border of an element to Hex C4DB84 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
#C4DB84 }
```

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

```
.border{ border-color:#C4DB84 }
```

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

Here you see how a box with a 4 pixel #C4DB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DB84; -webkit-box-shadow:4px 4px  
4px 4px #C4DB84; box-shadow:4px 4px 4px  
4px #C4DB84 }
```

# Background

The CSS property to change the background color of an element to Hex C4DB84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DB84 }
```

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

```
.background{ background-color:#C4DB84 }
```

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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