

# Converting Colors

Hex(C4DFBD)

Have a look what the booklet for  
Hex(C4DFBD) contains.

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# **Color**

**Hex(C4DFBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4DFBD
RGB	196, 223, 189
RGB Percent	77%, 87%, 74%
CMY	0.2314, 0.1255, 0.2588
CMYK	0.12, 0.00, 0.15, 0.13
HSL	108°, 35%, 81%
HSV	108°, 15%, 87%
XYZ	58.3379, 68.1852, 58.2304
YIQ	211.0510, -5.1780, -16.2980

# Conversions

## Conversions Part 2

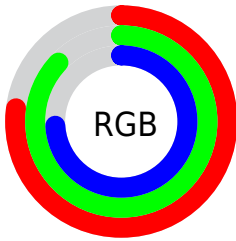
Format	Color
<a href="#">RYB</a>	<a href="#">189, 223, 216</a>
Decimal	<a href="#">12902333</a>
CIELab	<a href="#">86.10, -15.16, 13.69</a>
CIElCh	<a href="#">86, 20.429, 137.915</a>
Yxy	<a href="#">68.1852, 0.3158, 0.3691</a>
Android (android.graphics.Color)	<a href="#">4291092413</a> ( <a href="#">0xFFC4DFBD</a> )
YUV	<a href="#">211.0510, -10.8711, -13.1997</a>
Hunter-Lab	<a href="#">82.5744, -18.3967, 15.9915</a>

# Details

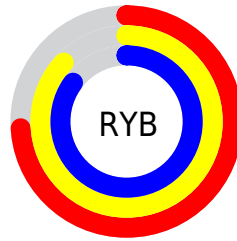
The Hex color **C4DFBD** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **D8BDDF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FDFFF5**, and **8EA888** is the 20% darker color. If you saturate the color by 10%, you get **B2DFA7**, and if you desaturate by 10%, it is **D6DFD3**.

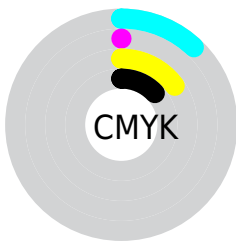
# Distribution



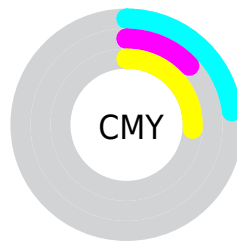
- Red (77%)
- Green (87%)
- Blue (74%)



- Red (74%)
- Yellow (87%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4DFBD 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 C4DFBD by changing the saturation by 10% instead.



 C4DFBD

FFFFFF

 FDFFF5

 C4DFBD

 A9C3A2


 8EA888

 748D6E

 5B7456

 445B3E

 2D4328

 172D14

 001A00

 000000

 C4DFBD

 C4DFBD

 B2DFA7

 D6DFD3

 A1DF90

 E7DFEA

 8FDF7A

 F9DFFF

 7DDF64

 FFDFFF

 6BDF4E

 5ADF37

 48DF21

 36DF0B

 2EDF00

# Harmonies

## Analogous

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



DADAB2



C4DFBD



B0E2CF

# Triad

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



C4DFBD



B8DBFD



FFCACC

# Complementary

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



C4DFBD



D8BDDF

# 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.



FACBE0



C4DFBD



D1D5FC

# Square

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



C4DFBD



A7E0F3



E9CFF1



FCCEBB

# Rectangle

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



C4DFBD



A7E3DC



E9CFF1



FFCAD3

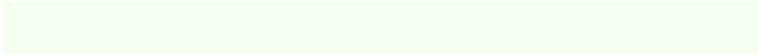


# Sweetspot

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



C4DFBD



F5FFF2



DFD8BD



798078



000000



808080

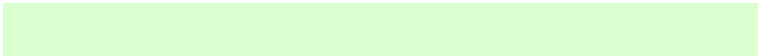


# Same Dimension

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



C4DFBD



DBFFD1



BDDFC7



677065



24B000



0A3000



# Inverse Universe

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



D8BDDF



F6D1FF



DFBDD5



6E6570



8C00B0

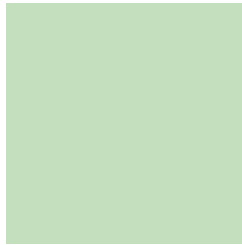


260030



# Previews

## White Background



This preview shows how the Hex color C4DFBD 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 C4DFBD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

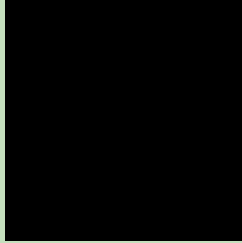
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

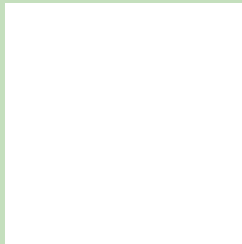
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4DFBD Background



This preview shows how black text looks on a background with the Hex color C4DFBD.

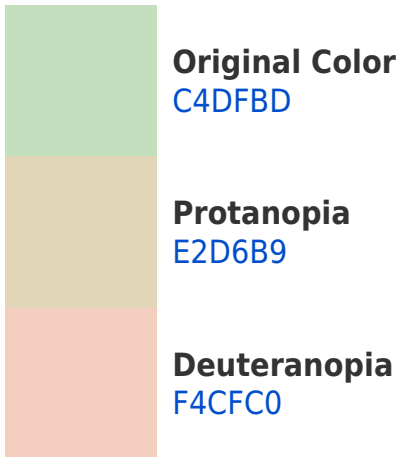


This preview shows how white text looks on a background with the Hex color C4DFBD.

# 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](#).

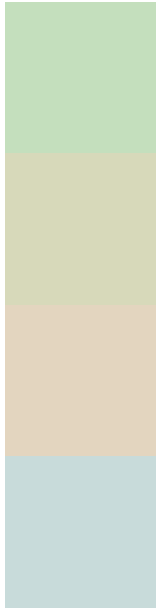
## Dichromacy





**Tritanopia**  
CBD9EA

# Trichromacy



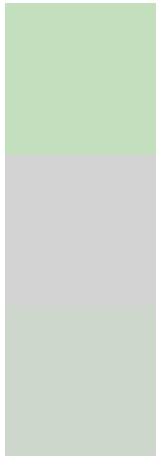
**Original Color**  
C4DFBD

**Protanomaly**  
D7D9BA

**Deuteranomaly**  
E3D5BF

**Tritanomaly**  
C8DBDA

# Monochromacy



**Original Color**  
C4DFBD

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
CED7CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4DFBD 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 #C4DFBD looks like.

```
.text, #text, p{  
    color:#C4DFBD  
}
```

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 #C4DFBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DFBD
}
```

## Border

The CSS property to change the border of an element to Hex C4DFBD 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
#C4DFBD }
```

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

```
.border{ border-color:#C4DFBD }
```

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

Here you see how a box with a 4 pixel #C4DFBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DFBD; -webkit-box-shadow:4px 4px  
4px 4px #C4DFBD; box-shadow:4px 4px 4px  
4px #C4DFBD }
```

# Background

The CSS property to change the background color of an element to Hex C4DFBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DFBD }
```

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

```
.background{ background-color:#C4DFBD }
```

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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