

# Converting Colors

Hex(C6D9BD)

Have a look what the booklet for  
Hex(C6D9BD) contains.

<b>Hex(C6D9BD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C6D9BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D9BD
RGB	198, 217, 189
RGB Percent	78%, 85%, 74%
CMY	0.2235, 0.1490, 0.2588
CMYK	0.09, 0.00, 0.13, 0.15
HSL	101°, 27%, 80%
HSV	101°, 13%, 85%
XYZ	57.2869, 65.3056, 57.7300
YIQ	208.1270, -2.3360, -12.7360

# Conversions

## Conversions Part 2

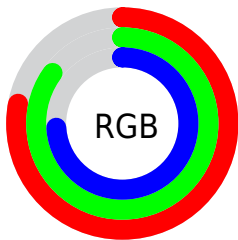
Format	Color
<a href="#">RYB</a>	<a href="#">189, 217, 208</a>
Decimal	<a href="#">13031869</a>
CIELab	<a href="#">84.64, -11.44, 11.64</a>
CIElCh	<a href="#">85, 16.327, 134.502</a>
Yxy	<a href="#">65.3056, 0.3177, 0.3622</a>
Android (android.graphics.Color)	<a href="#">4291221949 (0xFFC6D9BD)</a>
YUV	<a href="#">208.1270, -9.4296, -8.8814</a>
Hunter-Lab	<a href="#">80.8119, -14.8836, 14.2130</a>

# Details

The Hex color **C6D9BD** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **D0BDD9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFF5**, and **90A288** is the 20% darker color. If you saturate the color by 10%, you get **B7D9A7**, and if you desaturate by 10%, it is **D5D9D3**.

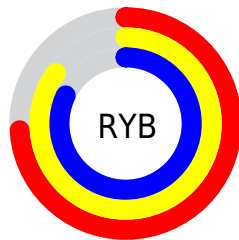
# Distribution



Red (78%)

Green (85%)

Blue (74%)



Red (74%)

Yellow (85%)

Blue (82%)

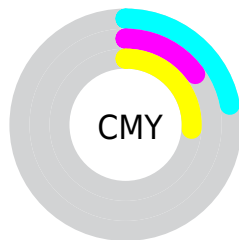


Cyan (9%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6D9BD 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 C6D9BD by changing the saturation by 10% instead.



 C6D9BD

FFFFFFF

 FFFFF5

 C6D9BD

 ABBDA2

 90A288

 76886E

 5E6F56

 46563F

 2F3F29

 1A2914

 001500

 000000

 C6D9BD

 C6D9BD

 B7D9A7

 D5D9D3

 A9D992

 E3D9E8

 9AD97C

 F2D9FE

 8BD966

 FFD9FF

 7CD951

 6ED93B

 5FD925

 50D90F

 46D900

# Harmonies

## Analogous

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



D8D5B5



C6D9BD



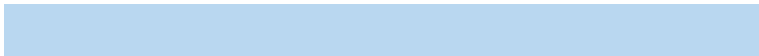
B6DCCB

# Triad

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



C6D9BD



B9D7F0



F4C9CC

# Complementary

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



C6D9BD



D0BDD9

# 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.



EECADC



C6D9BD



CCD2F1

# Square

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



C6D9BD



ADDBE8



DFCDE9



F2CBBE

# Rectangle

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



C6D9BD



AFDCD5



DFCDE9



F3C9D1



# Sweetspot

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



C6D9BD



F8FFF5



D9D0BD



7B8079



000000



808080

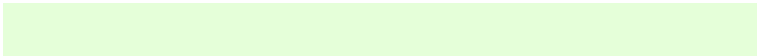


# Same Dimension

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



C6D9BD



E5FFD9



BDD9C2



666E63



38AD00



0F2E00



# Inverse Universe

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



D0BDD9



F3D9FF



D9BDD4



6A636E



7600AD



1F002E



# Previews

## White Background



This preview shows how the Hex color C6D9BD looks on a white background.

## Color Contrast Check

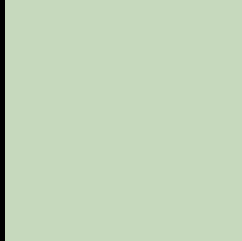
Large Text (above 18pt) WCAG AA × Fail

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 C6D9BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

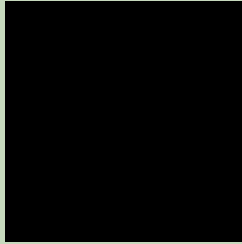
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

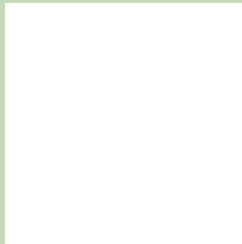
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6D9BD Background



This preview shows how black text looks on a background with the Hex color C6D9BD.

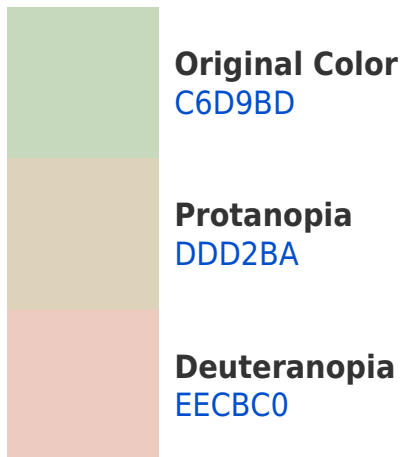


This preview shows how white text looks on a background with the Hex color C6D9BD.

# 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](#).

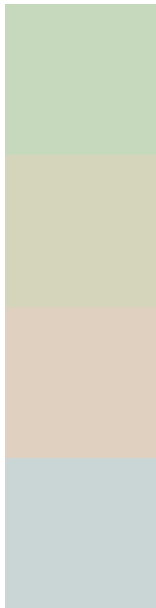
## Dichromacy





**Tritanopia**  
CCD3E4

# Trichromacy



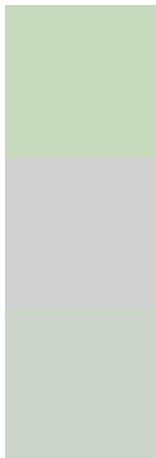
**Original Color**  
C6D9BD

**Protanomaly**  
D5D5BB

**Deuteranomaly**  
DFD0BF

**Tritanomaly**  
CAD5D6

# Monochromacy



**Original Color**  
C6D9BD

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
CCD3C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6D9BD 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 #C6D9BD looks like.

```
.text, #text, p{  
    color:#C6D9BD  
}
```

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 #C6D9BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D9BD }  
}
```

## Border

The CSS property to change the border of an element to Hex C6D9BD 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 #C6D9BD }  
}
```

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

```
.border{ border-color:#C6D9BD }
```

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

Here you see how a box with a 4 pixel #C6D9BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D9BD; -webkit-box-shadow:4px 4px  
4px 4px #C6D9BD; box-shadow:4px 4px 4px  
4px #C6D9BD }
```

# Background

The CSS property to change the background color of an element to Hex C6D9BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D9BD }
```

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

```
.background{ background-color:#C6D9BD }
```

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