

# Converting Colors

Hex(C7D5B5)

Have a look what the booklet for  
Hex(C7D5B5) contains.

<b>Hex(C7D5B5)</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(C7D5B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7D5B5
RGB	199, 213, 181
RGB Percent	78%, 84%, 71%
CMY	0.2196, 0.1647, 0.2902
CMYK	0.07, 0.00, 0.15, 0.16
HSL	86°, 28%, 77%
HSV	86°, 15%, 84%
XYZ	55.6879, 63.0668, 52.9541
YIQ	205.1660, 1.9280, -12.9200

# Conversions

## Conversions Part 2

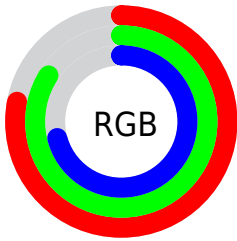
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 213, 195
Decimal	13096373
CIELab	83.48, -10.40, 14.23
CIELCh	83, 17.625, 126.147
Yxy	63.0668, 0.3243, 0.3673
Android (android.graphics.Color)	4291286453 (0xFFC7D5B5)
YUV	205.1660, -11.9138, -5.4076
Hunter-Lab	79.4146, -13.8060, 16.0553

# Details

The Hex color **C7D5B5** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C3B5D5**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFED**, and **919E80** is the 20% darker color. If you saturate the color by 10%, you get **BED5A0**, and if you desaturate by 10%, it is **D0D5CA**.

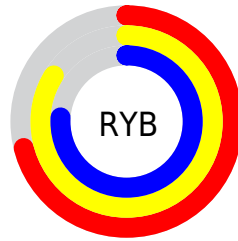
# Distribution



Red (78%)

Green (84%)

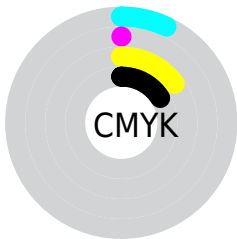
Blue (71%)



Red (71%)

Yellow (84%)

Blue (76%)

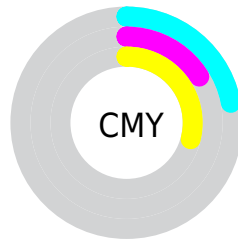


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7D5B5 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 C7D5B5 by changing the saturation by 10% instead.




 C7D5B5

 C7D5B5

FFFFFF

 ACB99A

 FFFFED

 919E80

 778467

 5E6B4F

 465338

 303C22

 1B260D

 001200

 000000

 C7D5B5

 C7D5B5

 BED5A0

 D0D5CA

 B4D58A

 DAD5E0

 ABD575

 E3D5F5

 A2D560

 ECD5FF

 98D54A

 F6D5FF

 8FD535

 FFD5FF

 86D520

 7CD50B

 78D500

# Harmonies

## Analogous

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



DAD0AF



C7D5B5



B5D9C2

# Triad

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



C7D5B5



AFD5EE



F2C5CD

# Complementary

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



C7D5B5



C3B5D5

# 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.



E9C6DE



C7D5B5



C2D0F1

# Square

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



C7D5B5



A5D9E3



D7CBEB



F2C6BD

# Rectangle

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



C7D5B5



ABDACD



D7CBEB



F0C5D3



# Sweetspot

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



C7D5B5



F9FFF2



D5C3B5



7C8078



000000



808080

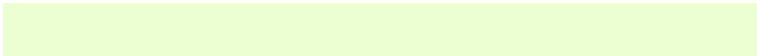


# Same Dimension

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



C7D5B5



EBFFD1



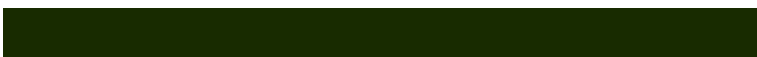
B7D5B5



666B60



60AB00



182B00



# Inverse Universe

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



C3B5D5



E5D1FF



D3B5D5



65606B



4B00AB



13002B



# Previews

## White Background



This preview shows how the Hex color C7D5B5 looks on a white background.

## Color Contrast Check

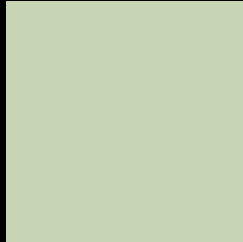
Large Text (above 18pt) WCAG AA × Fail

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 C7D5B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

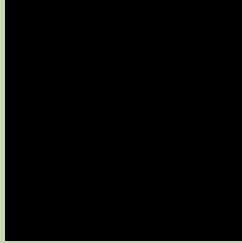
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

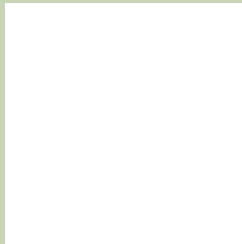
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7D5B5 Background



This preview shows how black text looks on a background with the Hex color C7D5B5.

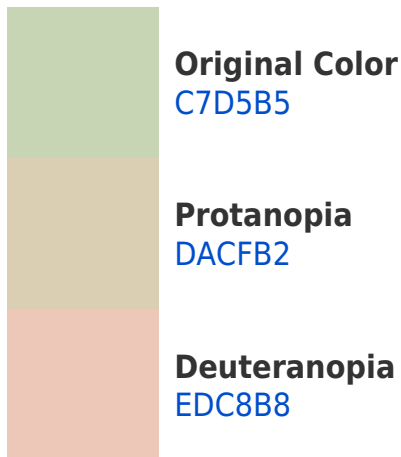


This preview shows how white text looks on a background with the Hex color C7D5B5.

# Color Blindness Simulation

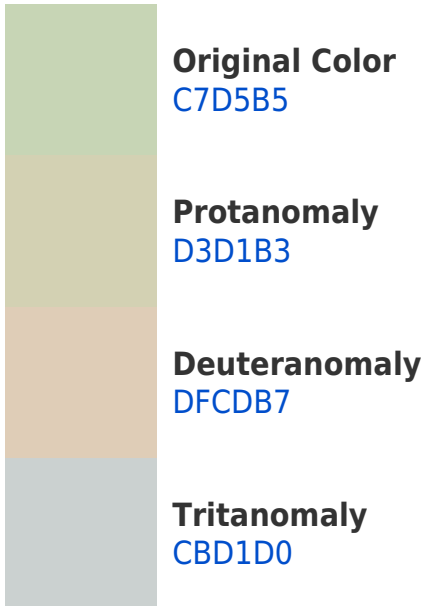
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

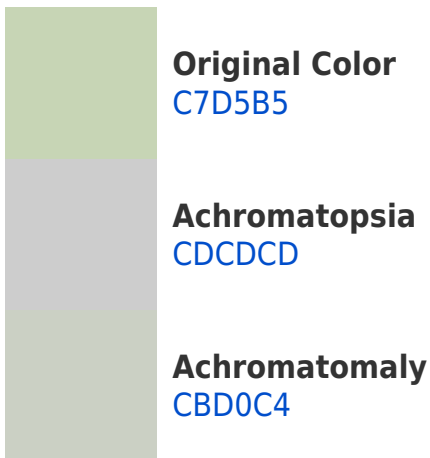




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7D5B5 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 #C7D5B5 looks like.

```
.text, #text, p{  
    color:#C7D5B5  
}
```

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 #C7D5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D5B5  
}
```

## Border

The CSS property to change the border of an element to Hex C7D5B5 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  
#C7D5B5 }
```

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

```
.border{ border-color:#C7D5B5 }
```

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

Here you see how a box with a 4 pixel #C7D5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D5B5; -webkit-box-shadow:4px 4px  
4px 4px #C7D5B5; box-shadow:4px 4px 4px  
4px #C7D5B5 }
```

# Background

The CSS property to change the background color of an element to Hex C7D5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D5B5 }
```

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

```
.background{ background-color:#C7D5B5 }
```

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