

# Converting Colors

Hex(C7D6D0)

Have a look what the booklet for  
Hex(C7D6D0) contains.

|  |    |
|--|----|
| <b>Hex(C7D6D0)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(C7D6D0)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C7D6D0                     |
| RGB           | 199, 214, 208              |
| RGB Percent   | 78%, 84%, 82%              |
| CMY           | 0.2196, 0.1608, 0.1843     |
| CMYK          | 0.07, 0.00, 0.03, 0.16     |
| HSL           | 156°, 15%, 81%             |
| HSV           | 156°, 7%, 84%              |
| XYZ           | 58.9849, 64.7893, 69.0713  |
| YIQ           | 208.8310, -7.0140, -5.0460 |

# Conversions

## Conversions Part 2

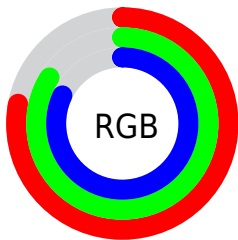
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 199, 208, 214                 |
| Decimal                             | 13096656                      |
| CIELab                              | 84.38, -6.17, 1.21            |
| CIElCh                              | 84, 6.284, 168.868            |
| Yxy                                 | 64.7893, 0.3059,<br>0.3360    |
| Android<br>(android.graphics.Color) | 4291286736<br>(0xFFC7D6D0)    |
| YUV                                 | 208.8310, -0.4097,<br>-8.6218 |
| Hunter-Lab                          | 80.4918, -10.0547,<br>5.4666  |

# Details

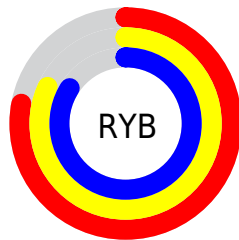
The Hex color **C7D6D0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D6C7CD**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFFF**, and **919F9A** is the 20% darker color. If you saturate the color by 10%, you get **B2D6C7**, and if you desaturate by 10%, it is **DCD6D9**.

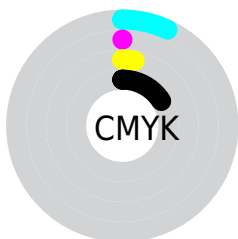
# Distribution



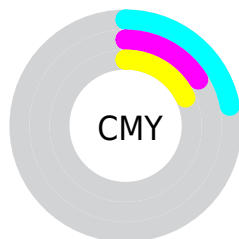
- Red (78%)
- Green (84%)
- Blue (82%)



- Red (78%)
- Yellow (82%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7D6D0 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 C7D6D0 by changing the saturation by 10% instead.



 C7D6D0

FFFFFF

 C7D6D0

 ACBAB4

 919F9A

 778580

 5F6C67

 47544F

 303D38

 1B2723

 01120D

 000000

 C7D6D0

 C7D6D0

 B2D6C7

 DCD6D9

 9CD6BF

 F2D6E1

 87D6B6

 FFD6EA

 71D6AE

 FFD6F2

 5CD6A5

 FFD6FB

 47D69D

 FFD6FF

 31D694

 1CD68C

 06D683

# Harmonies

## Analogous

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



CDD5CB



C7D6D0



C4D6D6

# Triad

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



C7D6D0



D1D2DE



DED0CA

# Complementary

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



C7D6D0



D6C7CD

# 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.



E0CFCF



C7D6D0



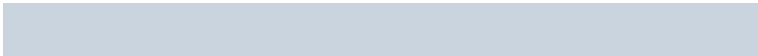
D8D0DA

# Square

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



C7D6D0



CAD4DE



DECFD5



DAD1C7

# Rectangle

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



C7D6D0



C5D6DA



DECFD5



DFCFCB



# Sweetspot

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



C7D6D0



FAFFFD



CDD6C7



7D807E



000000



808080



# Same Dimension

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



C7D6D0



EBFFF7



C7D5D6



606B67



00AB67



002B1A



# Inverse Universe

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



D6C7CD



FFEBF3



D6C9C7



6B6065



AB0044

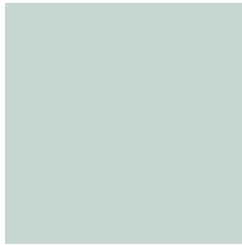


2B0011



# Previews

## White Background



This preview shows how the Hex color C7D6D0 looks on a white background.

## Color Contrast Check

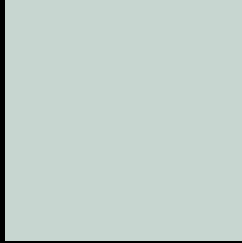
Large Text (above 18pt) WCAG AA × Fail

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 C7D6D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

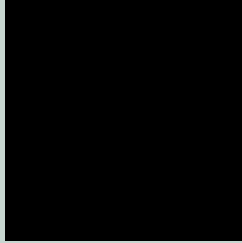
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

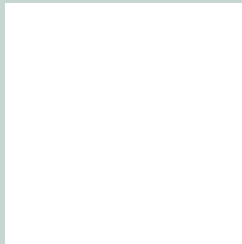
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7D6D0 Background



This preview shows how black text looks on a background with the Hex color C7D6D0.

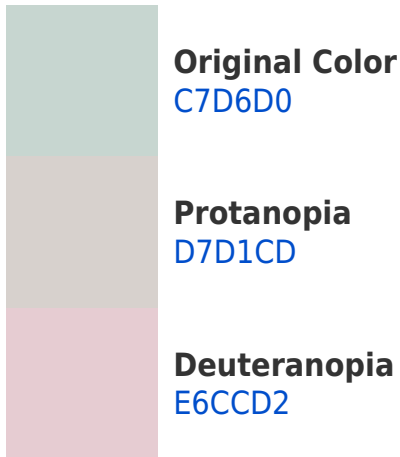


This preview shows how white text looks on a background with the Hex color C7D6D0.

# 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**  
C7D6D0

**Protanomaly**  
D1D3CE

**Deuteranomaly**  
DBD0D1

**Tritanomaly**  
C9D4DD

# Monochromacy



**Original Color**  
C7D6D0

**Achromatopsia**  
D1D1D1

**Achromatomaly**  
CDD3D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7D6D0 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 #C7D6D0 looks like.

```
.text, #text, p{  
  color:#C7D6D0  
}
```

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 #C7D6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D6D0
}
```

## Border

The CSS property to change the border of an element to Hex C7D6D0 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
#C7D6D0 }
```

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

```
.border{ border-color:#C7D6D0 }
```

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

Here you see how a box with a 4 pixel `#C7D6D0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D6D0; -webkit-box-shadow:4px 4px  
4px 4px #C7D6D0; box-shadow:4px 4px 4px  
4px #C7D6D0 }
```

# Background

The CSS property to change the background color of an element to Hex C7D6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D6D0 }
```

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

```
.background{ background-color:#C7D6D0 }
```

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