

# Converting Colors

Hex(C2D8CE)

Have a look what the booklet for  
Hex(C2D8CE) contains.

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# **Color**

**Hex(C2D8CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2D8CE
RGB	194, 216, 206
RGB Percent	76%, 85%, 81%
CMY	0.2392, 0.1529, 0.1922
CMYK	0.10, 0.00, 0.05, 0.15
HSL	153°, 22%, 80%
HSV	153°, 10%, 85%
XYZ	57.9446, 65.0373, 67.8920
YIQ	208.2820, -9.9020, -7.7740

# Conversions

## Conversions Part 2

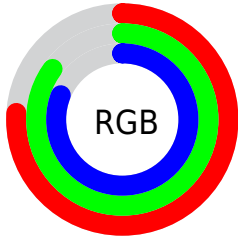
Format	Color
<b>RYB</b>	194, 208, 216
Decimal	12769486
CIELab	84.50, -9.24, 2.42
CIELCh	85, 9.550, 165.337
Yxy	65.0373, 0.3036, 0.3407
Android (android.graphics.Color)	4290959566 (0xFFC2D8CE)
YUV	208.2820, -1.1250, -12.5253
Hunter-Lab	80.6457, -12.8763, 6.5384

# Details

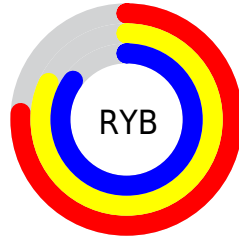
The Hex color **C2D8CE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8C2CC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FBFFFF**, and **8CA198** is the 20% darker color. If you saturate the color by 10%, you get **ACD8C4**, and if you desaturate by 10%, it is **D8D8D8**.

# Distribution



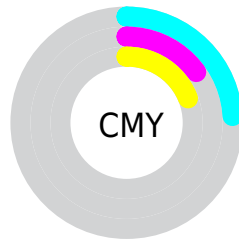
- Red (76%)
- Green (85%)
- Blue (81%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D8CE 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 C2D8CE by changing the saturation by 10% instead.



 C2D8CE

FFFFFF

 FBFFFF

 C2D8CE

 A7BCB3

 8CA198

 73877E

 5A6E65

 42554D

 2C3E36

 172821

 00140A

 000000

 C2D8CE

 C2D8CE

 ACD8C4

 D8D8D8

 97D8BA

 EDD8E2

 81D8B1

 FFD8EB

 6CD8A7

 FFD8F5

 56D89D

 FFD8FF

 40D893

 2BD889

 15D87F

 00D876

# Harmonies

## Analogous

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



CBD6C6



C2D8CE



BDD8D7

# Triad

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



C2D8CE



CFD2E4



E5CEC6

# Complementary

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



C2D8CE



D8C2CC

# 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.



E7CDCE



C2D8CE



DACFE0

# Square

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



C2D8CE



C5D5E4



E3CDD8



DFD1C2

# Rectangle

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



C2D8CE



BDD8DD



E3CDD8



E6CEC9



# Sweetspot

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



C2D8CE



F7FFFC



CCD8C2



7A807D



000000



808080

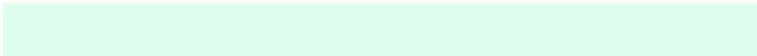


# Same Dimension

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



C2D8CE



E0FFF1



C2D7D8



606B66



00AB5D



002B18



# Inverse Universe

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



D8C2CC



FFE0EE



D8C3C2



6B6065



AB004E

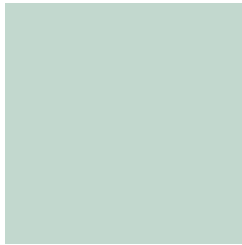


2B0014



# Previews

## White Background



This preview shows how the Hex color C2D8CE looks on a white background.

## Color Contrast Check

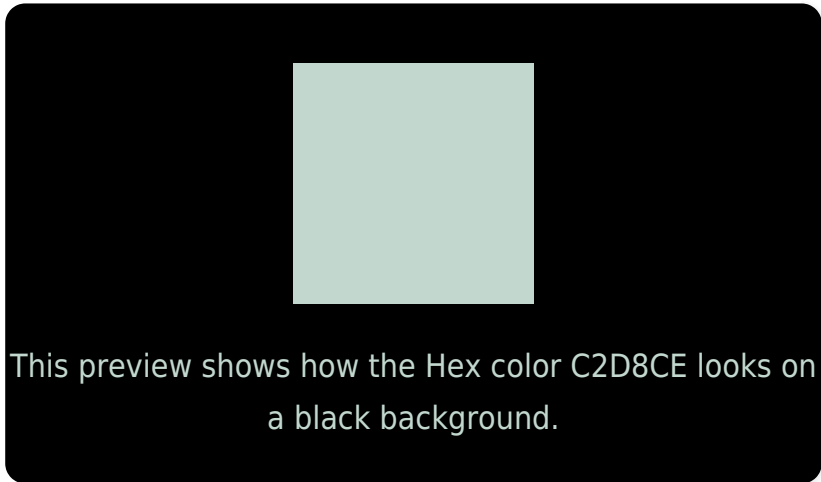
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

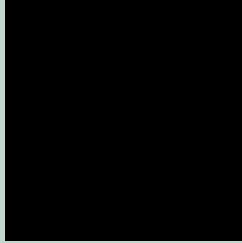
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

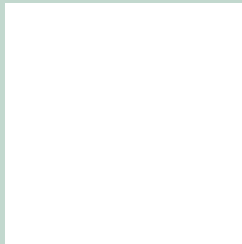
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2D8CE Background



This preview shows how black text looks on a background with the Hex color C2D8CE.

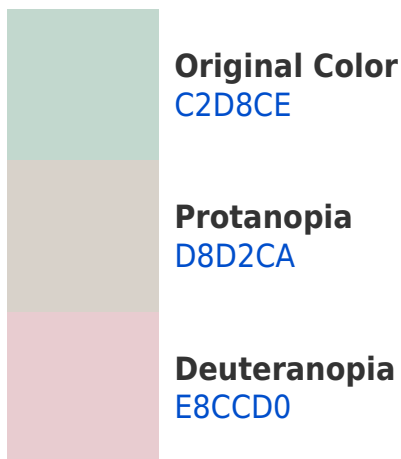


This preview shows how white text looks on a background with the Hex color C2D8CE.

# 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**  
C6D4E5

# Trichromacy



**Original Color**  
C2D8CE

**Protanomaly**  
D0D4CB

**Deuteranomaly**  
DAD0CF

**Tritanomaly**  
C5D5DD

# Monochromacy



**Original Color**  
C2D8CE

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
CBD3CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D8CE 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 #C2D8CE looks like.

```
.text, #text, p{  
    color:#C2D8CE  
}
```

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 #C2D8CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D8CE }  
}
```

## Border

The CSS property to change the border of an element to Hex C2D8CE 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 #C2D8CE }  
}
```

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

```
.border{ border-color:#C2D8CE }
```

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

Here you see how a box with a 4 pixel #C2D8CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D8CE; -webkit-box-shadow:4px 4px  
4px 4px #C2D8CE; box-shadow:4px 4px 4px  
4px #C2D8CE }
```

# Background

The CSS property to change the background color of an element to Hex C2D8CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D8CE }
```

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

```
.background{ background-color:#C2D8CE }
```

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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