

# Converting Colors

Hex(C2DCD9)

Have a look what the booklet for  
Hex(C2DCD9) contains.

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# **Color**

**Hex(C2DCD9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2DCD9
RGB	194, 220, 217
RGB Percent	76%, 86%, 85%
CMY	0.2392, 0.1373, 0.1490
CMYK	0.12, 0.00, 0.01, 0.14
HSL	173°, 27%, 81%
HSV	173°, 12%, 86%
XYZ	60.3657, 67.6655, 75.5248
YIQ	211.8840, -14.5330, -6.4450

# Conversions

## Conversions Part 2

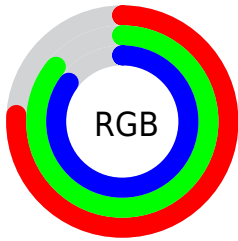
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 208, 220
Decimal	12770521
CIELab	85.84, -9.17, -1.46
CIELCh	86, 9.288, 189.021
Yxy	67.6655, 0.2966, 0.3324
Android (android.graphics.Color)	4290960601 (0xFFC2DCD9)
YUV	211.8840, 2.5222, -15.6843
Hunter-Lab	82.2590, -12.9612, 3.1452

# Details

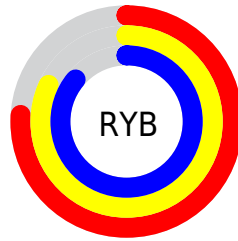
The Hex color **C2DCD9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DCC2C5**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FBFFFF**, and **8CA5A2** is the 20% darker color. If you saturate the color by 10%, you get **ACDCD6**, and if you desaturate by 10%, it is **D8DCDC**.

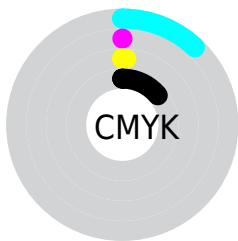
# Distribution



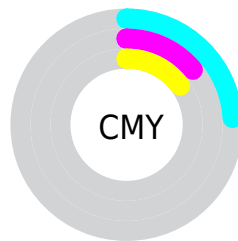
- Red (76%)
- Green (86%)
- Blue (85%)



- Red (76%)
- Yellow (82%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2DCD9 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 C2DCD9 by changing the saturation by 10% instead.



 C2DCD9

FFFFFF

 FBFFFF

 C2DCD9

 A7C0BD

 8CA5A2

 728B88

 5A716F

 425956

 2B413F

 162B29

 001715

 000000

 C2DCD9

 C2DCD9

 ACDCD6

 D8DCDC

 96DCD4

 EEDCDE

 80DCD1

 FFDCE1

 6ADCCF

 FFDCE3

 54DCCC

 FFDCE6

 3EDCCA

 FFDCE8

 28DCC7

 FFDCEB

 12DCC5

 FFDCEd

 00DCC3

 FFDCE0

# Harmonies

## Analogous

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



C8DBD0



C2DCD9



C2DBE1

# Triad

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



C2DCD9



DCD4E4



E4D4C6

# Complementary

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



C2DCD9



DCC2C5

# 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.



E9D2CC



C2DCD9



E5D1DD

# Square

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



C2DCD9



D1D6E8



EAD1D4



DBD7C5

# Rectangle

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



C2DCD9



C5DAE5



EAD1D4



E6D3C8



# Sweetspot

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



C2DCD9



F5FFFE



C5DCC2



79807F



000000



808080

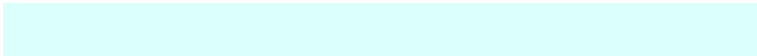


# Same Dimension

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



C2DCD9



DBFFFB



C2D2DC



636E6C



00AD99



002E29



# Inverse Universe

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



DCC2C5



FFDBDF



DCCCC2



6E6364



AD0014



2E0005



# Previews

## White Background



This preview shows how the Hex color C2DCD9 looks on a white background.

## Color Contrast Check

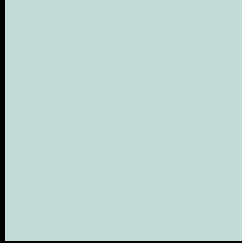
Large Text (above 18pt) WCAG AA × Fail

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 C2DCD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

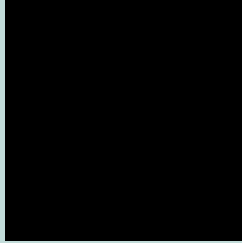
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

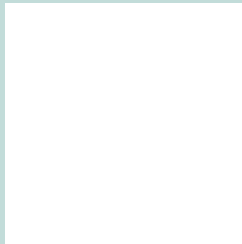
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2DCD9 Background



This preview shows how black text looks on a background with the Hex color C2DCD9.

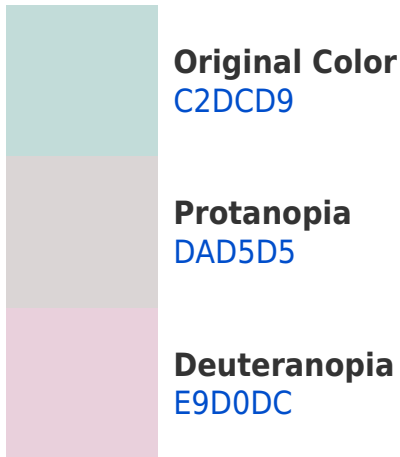


This preview shows how white text looks on a background with the Hex color C2DCD9.

# 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](#).

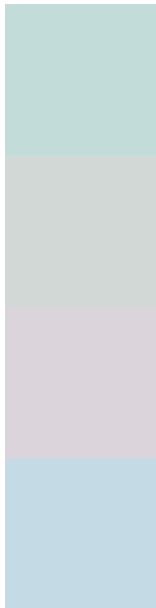
## Dichromacy





**Tritanopia**  
C5D9EB

# Trichromacy



**Original Color**  
C2DCD9

**Protanomaly**  
D1D8D6

**Deuteranomaly**  
DBD4DB

**Tritanomaly**  
C4DAE4

# Monochromacy



**Original Color**  
C2DCD9

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
CDD7D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2DCD9 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 #C2DCD9 looks like.

```
.text, #text, p{  
    color:#C2DCD9  
}
```

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 #C2DCD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2DCD9
}
```

## Border

The CSS property to change the border of an element to Hex C2DCD9 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
#C2DCD9 }
```

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

```
.border{ border-color:#C2DCD9 }
```

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

Here you see how a box with a 4 pixel `#C2DCD9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2DCD9; -webkit-box-shadow:4px 4px  
4px 4px #C2DCD9; box-shadow:4px 4px 4px  
4px #C2DCD9 }
```

# Background

The CSS property to change the background color of an element to Hex C2DCD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2DCD9 }
```

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

```
.background{ background-color:#C2DCD9 }
```

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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