

# Converting Colors

Hex(C4DADA)

Have a look what the booklet for  
Hex(C4DADA) contains.

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# **Color**

**Hex(C4DADA)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C4DADA                      |
| RGB         | 196, 218, 218               |
| RGB Percent | 77%, 85%, 85%               |
| CMY         | 0.2314, 0.1451, 0.1451      |
| CMYK        | 0.10, 0.00, 0.00, 0.15      |
| HSL         | 180°, 23%, 81%              |
| HSV         | 180°, 10%, 85%              |
| XYZ         | 60.4912, 66.9405, 76.0623   |
| YIQ         | 211.4220, -13.1120, -4.6640 |

# Conversions

## Conversions Part 2

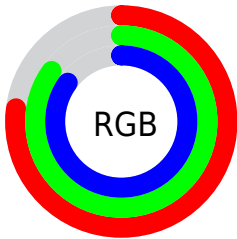
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 196, 207, 218                 |
| Decimal                             | 12901082                      |
| CIE Lab                             | 85.47, -7.30, -2.50           |
| CIE LCh                             | 85, 7.720, 198.932            |
| Yxy                                 | 66.9405, 0.2973,<br>0.3290    |
| Android<br>(android.graphics.Color) | 4291091162<br>(0xFFC4DADA)    |
| YUV                                 | 211.4220, 3.2430,<br>-13.5251 |
| Hunter-Lab                          | 81.8172, -11.2068,<br>2.1524  |

# Details

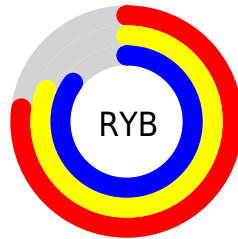
The Hex color **C4DADA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DAC4C4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FDFFFF**, and **8EA3A3** is the 20% darker color. If you saturate the color by 10%, you get **AEDADA**, and if you desaturate by 10%, it is **DADADA**.

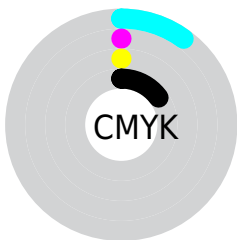
# Distribution



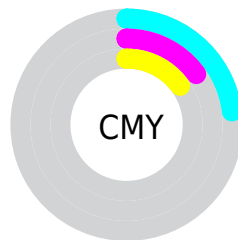
- Red (77%)
- Green (85%)
- Blue (85%)



- Red (77%)
- Yellow (81%)
- Blue (85%)



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



- Cyan (23%)
- Magenta (15%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4DADA 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 C4DADA by changing the saturation by 10% instead.



 C4DADA

FFFFFF

FDFFFF

 C4DADA

 A9BEBE

 8EA3A3

 748989

 5C6F70

 445757

 2D4040

 182A2A

 001616

 000000

 C4DADA

 C4DADA

 AEDADA

 DADADA

 98DADA

 F0DADA

 83DADA

 FFDADA

 6DDADA

 57DADA

 41DADA

 2BDADA

 16DADA

 00DADA

# Harmonies

## Analogous

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



C7DAD3



C4DADA



C5D9E0

# Triad

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



C4DADA



DDD2DF



DFD4C7

# Complementary

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



C4DADA



DAC4C4

# 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.



E4D2CB



C4DADA



E3D1D9

# Square

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



C4DADA



D4D5E3



E6D1D1



D7D7C8

# Rectangle

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



C4DADA



C9D8E3



E6D1D1



E1D3C8



# Sweetspot

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



C4DADA



F7FFFF



C4DAC4



7A8080



000000



808080



# Same Dimension

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



C4DADA



E0FFFF



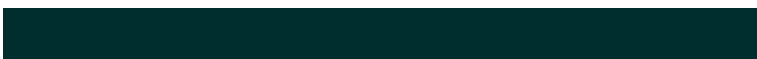
C4CFDA



636E6E



00ADAD



002E2E



# Inverse Universe

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



DAC4DA



FFE0FF



DACFC4



6E636E



AD00AD

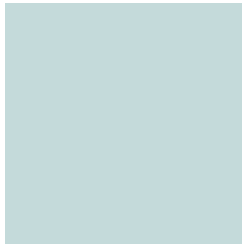


2E002E



# Previews

## White Background



This preview shows how the Hex color C4DADA looks on a white background.

## Color Contrast Check

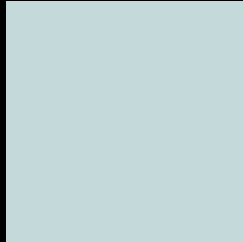
Large Text (above 18pt) WCAG AA × Fail

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 C4DADA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

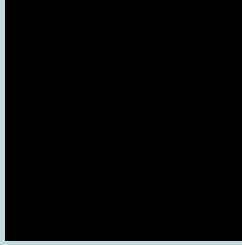
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

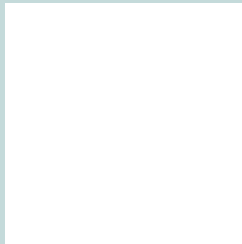
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4DADA Background



This preview shows how black text looks on a background with the Hex color C4DADA.

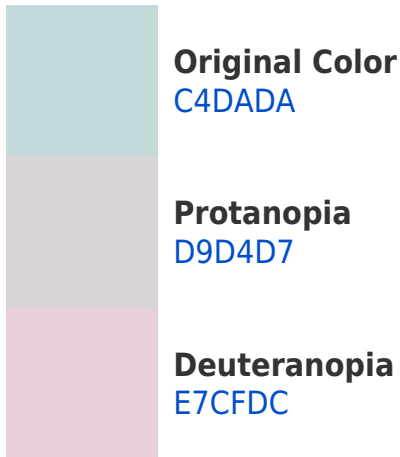


This preview shows how white text looks on a background with the Hex color C4DADA.

# 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](#).

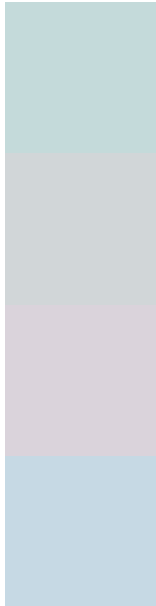
## Dichromacy





**Tritanopia**  
C7D8E9

# Trichromacy



**Original Color**

C4DADA

**Protanomaly**

D1D6D8

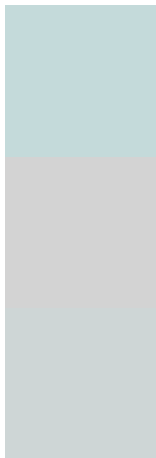
**Deuteranomaly**

DAD3DB

**Tritanomaly**

C6D9E4

# Monochromacy



**Original Color**

C4DADA

**Achromatopsia**

D3D3D3

**Achromatomaly**

CE6D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4DADA 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 #C4DADA looks like.

```
.text, #text, p{  
    color:#C4DADA  
}
```

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 #C4DADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DADA
}
```

## Border

The CSS property to change the border of an element to Hex C4DADA 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
#C4DADA }
```

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

```
.border{ border-color:#C4DADA }
```

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

Here you see how a box with a 4 pixel #C4DADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DADA; -webkit-box-shadow:4px 4px  
4px 4px #C4DADA; box-shadow:4px 4px 4px  
4px #C4DADA }
```

# Background

The CSS property to change the background color of an element to Hex C4DADA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DADA }
```

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

```
.background{ background-color:#C4DADA }
```

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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