

# Converting Colors

Hex(C3D7DA)

Have a look what the booklet for  
Hex(C3D7DA) contains.

<b>Hex(C3D7DA)</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(C3D7DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D7DA
RGB	195, 215, 218
RGB Percent	76%, 84%, 85%
CMY	0.2353, 0.1569, 0.1451
CMYK	0.11, 0.01, 0.00, 0.15
HSL	188°, 24%, 81%
HSV	188°, 11%, 85%
XYZ	59.4610, 65.2649, 75.7931
YIQ	209.3620, -12.8830, -3.3070

# Conversions

## Conversions Part 2

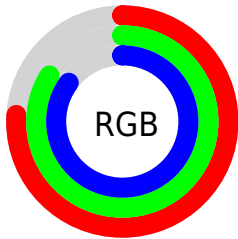
Format	Color
<b>RYB</b>	195, 206, 218
Decimal	12834778
CIELab	84.62, -6.08, -3.77
CIELCh	85, 7.150, 211.794
Yxy	65.2649, 0.2965, 0.3255
Android (android.graphics.Color)	4291024858 (0xFFC3D7DA)
YUV	209.3620, 4.2585, -12.5955
Hunter-Lab	80.7867, -9.9964, 0.9255

# Details

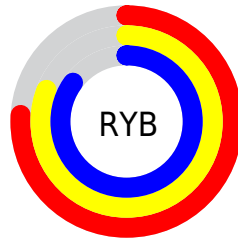
The Hex color **C3D7DA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DAC6C3**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FCFFFF**, and **8DA0A3** is the 20% darker color. If you saturate the color by 10%, you get **ADD4DA**, and if you desaturate by 10%, it is **D9DADA**.

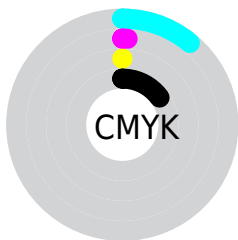
# Distribution



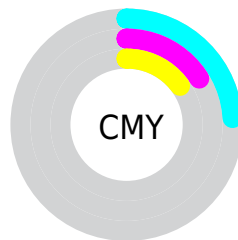
- Red (76%)
- Green (84%)
- Blue (85%)



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



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (16%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3D7DA 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 C3D7DA by changing the saturation by 10% instead.



■ C3D7DA

FFFFFF

■ FCFFFF

■ C3D7DA

■ A8BBBE

■ 8DA0A3

■ 748689

■ 5B6D70

■ 435557

■ 2C3D40

■ 17282A

■ 001316

■ 000000

 C3D7DA

 C3D7DA

 ADD4DA

 D9DADA

 97D1DA

 EFDDDA

 82CEDA

 FFE0DA

 6CCCCA

 FFE2DA

 56C9DA

 FFE5DA

 40C6DA

 FFE8DA

 2AC3DA

 FFEBDA

 15C0DA

 FFEEDA

 00BEDA

 FFF1DA

# Harmonies

## Analogous

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



C4D7D3



C3D7DA



C6D6DF

# Triad

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



C3D7DA



DDD0DA



D9D3C6

# Complementary

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



C3D7DA



DAC6C3

# 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.



DFD1C8



C3D7DA



E1CFD3

# Square

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



C3D7DA



D5D1DF



E2CFCC



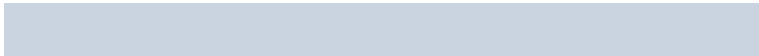
D1D5C8

# Rectangle

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



C3D7DA



CAD4E0



E2CFCC



DBD2C6



# Sweetspot

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



C3D7DA



F7FEFF



C3DAC6



7A7F80



000000



808080

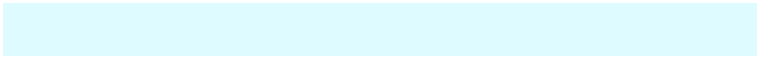


# Same Dimension

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



C3D7DA



DEFBFF



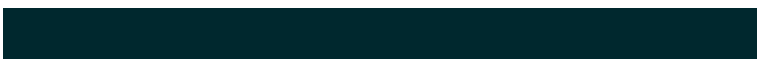
C3CCDA



636C6E



0097AD



00282E



# Inverse Universe

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



DAC3D7



FFDEFB



DAD1C3



6E636C



AD0097

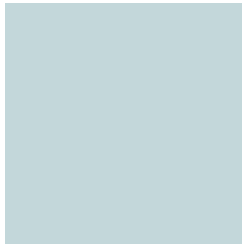


2E0028



# Previews

## White Background



This preview shows how the Hex color C3D7DA looks on a white background.

## Color Contrast Check

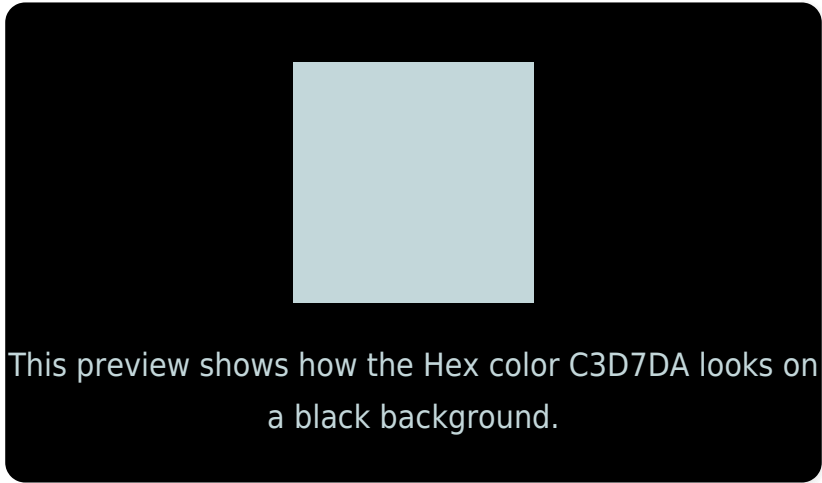
Large Text (above 18pt) WCAG AA × Fail

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

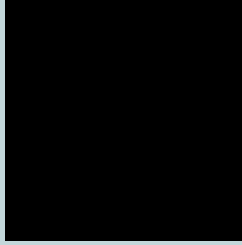
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

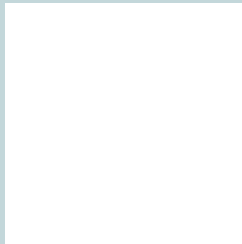
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3D7DA Background



This preview shows how black text looks on a background with the Hex color C3D7DA.

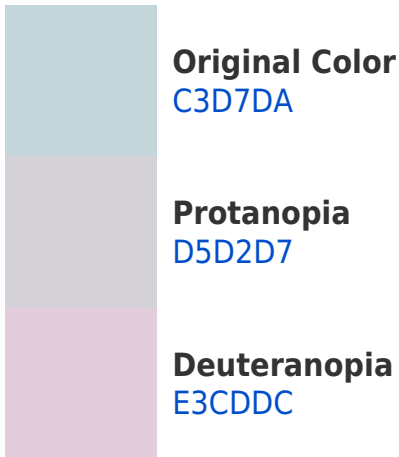


This preview shows how white text looks on a background with the Hex color C3D7DA.

# 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](#).

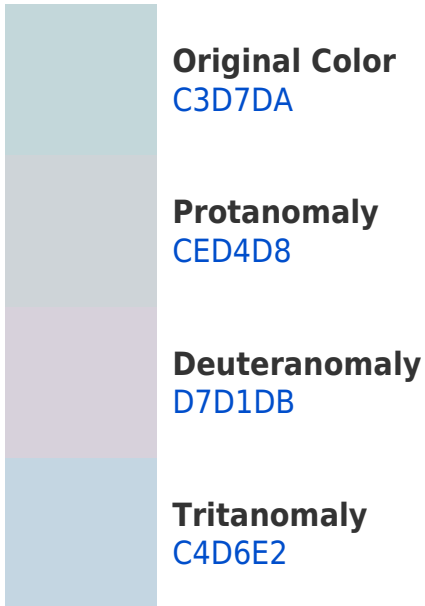
## Dichromacy



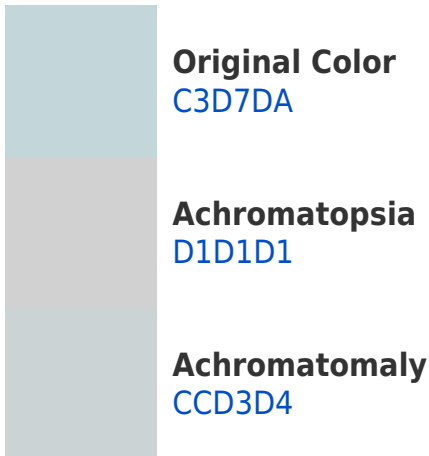


**Tritanopia**  
C5D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3D7DA 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 #C3D7DA looks like.

```
.text, #text, p{  
    color:#C3D7DA  
}
```

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 #C3D7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D7DA
}
```

## Border

The CSS property to change the border of an element to Hex C3D7DA 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
#C3D7DA }
```

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

```
.border{ border-color:#C3D7DA }
```

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

Here you see how a box with a 4 pixel `#C3D7DA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D7DA; -webkit-box-shadow:4px 4px  
4px 4px #C3D7DA; box-shadow:4px 4px 4px  
4px #C3D7DA }
```

# Background

The CSS property to change the background color of an element to Hex C3D7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D7DA }
```

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

```
.background{ background-color:#C3D7DA }
```

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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