

# Converting Colors

Hex(CAD7DE)

Have a look what the booklet for  
Hex(CAD7DE) contains.

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# **Color**

**Hex(CAD7DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAD7DE
RGB	202, 215, 222
RGB Percent	79%, 84%, 87%
CMY	0.2078, 0.1569, 0.1294
CMYK	0.09, 0.03, 0.00, 0.13
HSL	201°, 23%, 83%
HSV	201°, 9%, 87%
XYZ	61.8424, 66.4314, 78.6703
YIQ	211.9110, -9.9950, -0.5790

# Conversions

## Conversions Part 2

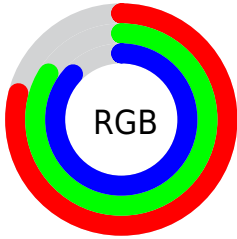
Format	Color
R <sub>Y</sub> B	202, 210, 222
Decimal	13293534
CIE Lab	85.22, -3.01, -4.95
CIE LCh	85, 5.798, 238.708
Yxy	66.4314, 0.2988, 0.3210
Android (android.graphics.Color)	4291483614 (0xFFCAD7DE)
YUV	211.9110, 4.9739, -8.6919
Hunter-Lab	81.5054, -7.1974, -0.1738

# Details

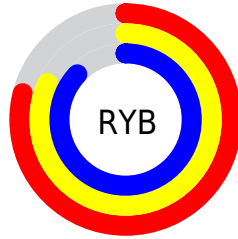
The Hex color **CAD7DE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DED1CA**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **94A0A7** is the 20% darker color. If you saturate the color by 10%, you get **B4CFDE**, and if you desaturate by 10%, it is **E0DFDE**.

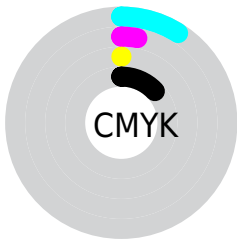
# Distribution



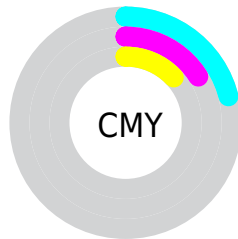
- Red (79%)
- Green (84%)
- Blue (87%)



- Red (79%)
- Yellow (82%)
- Blue (87%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (16%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAD7DE 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 CAD7DE by changing the saturation by 10% instead.



■ CAD7DE

FFFFFF

■ CAD7DE

■ AFBBC2

■ 94A0A7

■ 7A868D

■ 616D73

■ 49555B

■ 323D43

■ 1D282D

■ 051318

■ 000000

 CAD7DE

 CAD7DE

 B4CFDE

 E0DFDE

 9EC7DE

 F6E7DE

 87C0DE

 FFEEDDE

 71B8DE

 FFF6DE

 5BB0DE

 FFFEDE

 45A8DE

 FFFFDE

 2FA1DE

 1899DE

 0291DE

# Harmonies

## Analogous

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



C8D8DA



CAD7DE



CFD5E0

# Triad

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



CAD7DE



E0D1D5



D4D6CB

# Complementary

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



CAD7DE



DED1CA

# 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.



DAD4CA



CAD7DE



E1D2D0

# Square

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



CAD7DE



DCD2DB



DFD3CC



CDD8CF

# Rectangle

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



CAD7DE



D4D4DF



DFD3CC



D6D6CA



# Sweetspot

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



CAD7DE



F7FCFF



CADED1



7A7E80



000000



808080

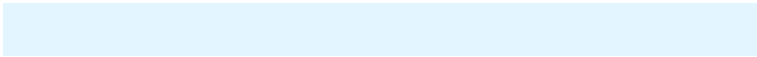


# Same Dimension

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



CAD7DE



E3F5FF



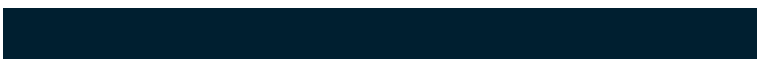
CACDDE



656C70



0072B0



001F30

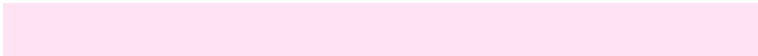


# Inverse Universe

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



DECAD7



FFE3F5



DEDBCA



70656C



B00072

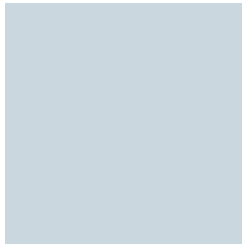


30001F



# Previews

## White Background



This preview shows how the Hex color CAD7DE looks on a white background.

## Color Contrast Check

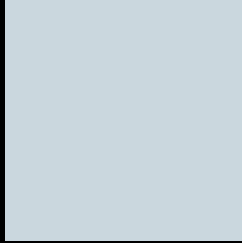
Large Text (above 18pt) WCAG AA × Fail

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 CAD7DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

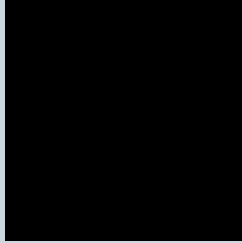
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

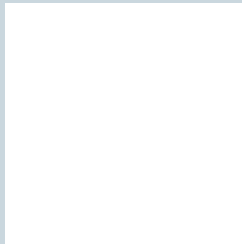
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAD7DE Background



This preview shows how black text looks on a background with the Hex color CAD7DE.

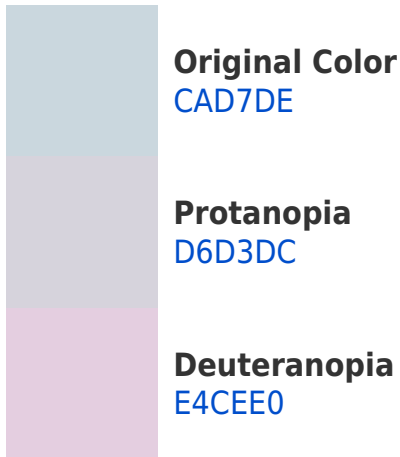


This preview shows how white text looks on a background with the Hex color CAD7DE.

# 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](#).

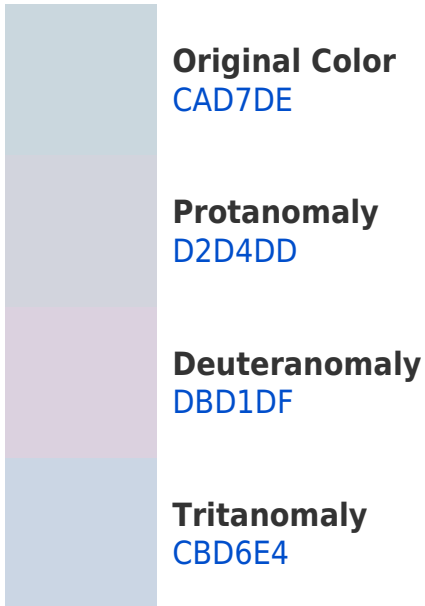
## Dichromacy



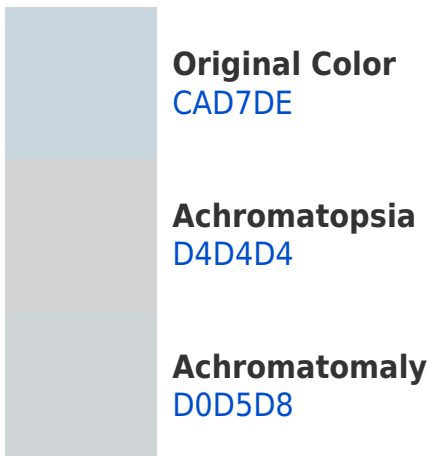


**Tritanopia**  
CBD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAD7DE 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 #CAD7DE looks like.

```
.text, #text, p{  
    color:#CAD7DE  
}
```

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 #CAD7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAD7DE
}
```

## Border

The CSS property to change the border of an element to Hex CAD7DE 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
#CAD7DE }
```

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

```
.border{ border-color:#CAD7DE }
```

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

Here you see how a box with a 4 pixel #CAD7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAD7DE; -webkit-box-shadow:4px 4px  
4px 4px #CAD7DE; box-shadow:4px 4px 4px  
4px #CAD7DE }
```

# Background

The CSS property to change the background color of an element to Hex CAD7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAD7DE }
```

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

```
.background{ background-color:#CAD7DE }
```

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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