

# Converting Colors

Hex(CAD7EC)

Have a look what the booklet for  
Hex(CAD7EC) contains.

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# **Color**

**Hex(CAD7EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAD7EC
RGB	202, 215, 236
RGB Percent	79%, 84%, 93%
CMY	0.2078, 0.1569, 0.0745
CMYK	0.14, 0.09, 0.00, 0.07
HSL	217°, 47%, 86%
HSV	217°, 14%, 93%
XYZ	63.7979, 67.2136, 88.9679
YIQ	213.5070, -14.4890, 3.7750

# Conversions

## Conversions Part 2

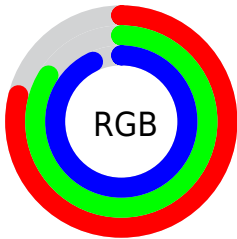
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 211, 236
Decimal	13293548
CIE Lab	85.61, -0.20, -11.78
CIE LCh	86, 11.786, 269.038
Yxy	67.2136, 0.2900, 0.3055
Android (android.graphics.Color)	4291483628 (0xFFCAD7EC)
YUV	213.5070, 11.0890, -10.0916
Hunter-Lab	81.9839, -4.5674, -6.9521

# Details

The Hex color **CAD7EC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ECDFCA**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **94A0B4** is the 20% darker color. If you saturate the color by 10%, you get **B2C8EC**, and if you desaturate by 10%, it is **E2E6EC**.

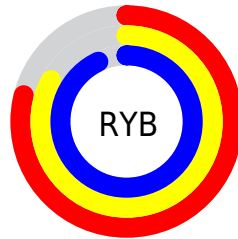
# Distribution



Red (79%)

Green (84%)

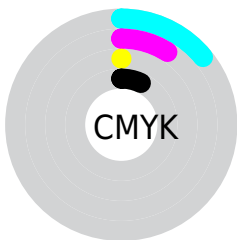
Blue (93%)



Red (79%)

Yellow (83%)

Blue (93%)

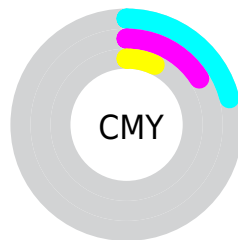


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (21%)

Magenta (16%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAD7EC 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 CAD7EC by changing the saturation by 10% instead.



■ CAD7EC

FFFFFF

■ CAD7EC

■ AEBBD0

■ 94A0B4

■ 7A8699

■ 616D7F

■ 495566

■ 313E4E

■ 1B2837

■ 051322

■ 00000A

 CAD7EC

 CAD7EC

 B2C8EC

 E2E6EC

 9BBAEC

 F9F4EC

 83ABEC

 FFFFEC

 6C9DEC

 548EEC

 3C80EC

 2571EC

 0D62EC

 005AEC

# Harmonies

## Analogous

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



BFDAE9



CAD7EC



D8D3E9

# Triad

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



CAD7EC



EECFCC



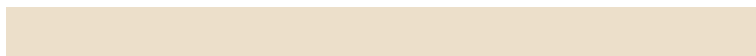
C7DBCA

# Complementary

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



CAD7EC



ECDFCA

# 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.



D3D9C2



CAD7EC



EAD2C3

# Square

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



CAD7EC



ECCFD7



E0D5C0



BDDDD5

# Rectangle

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



CAD7EC



E1D1E5



E0D5C0



CBDBC7



# Sweetspot

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



CAD7EC



F5F9FF



CAECDF



797C80



000000



808080

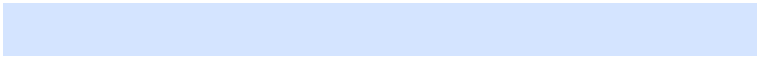


# Same Dimension

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



CAD7EC



D4E4FF



CECAEC



6A6E75



0045B5



001436



# Inverse Universe

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



ECCAD7



FFD4E4



E8ECCA



756A6E



B50045

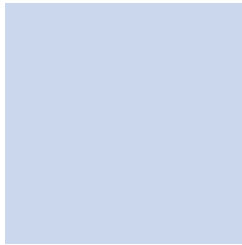


360014



# Previews

## White Background



This preview shows how the Hex color CAD7EC looks on a white background.

## Color Contrast Check

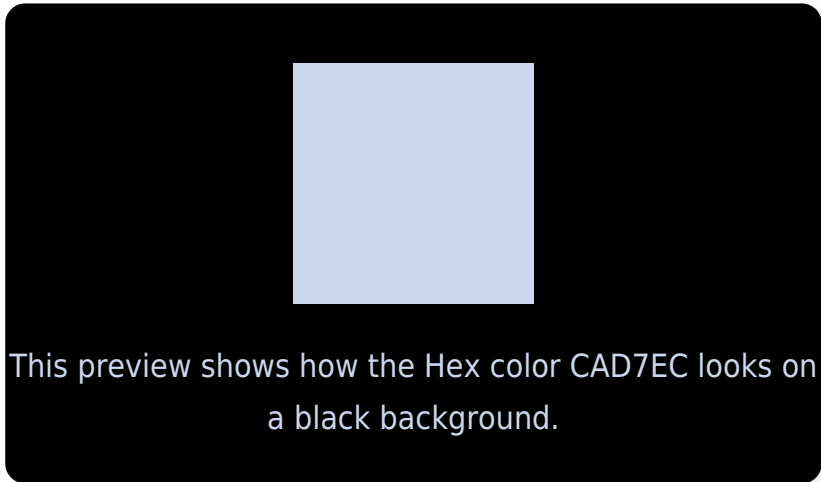
Large Text (above 18pt) WCAG AA × Fail

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

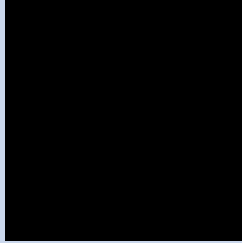
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

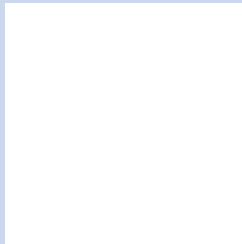
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAD7EC Background



This preview shows how black text looks on a background with the Hex color CAD7EC.

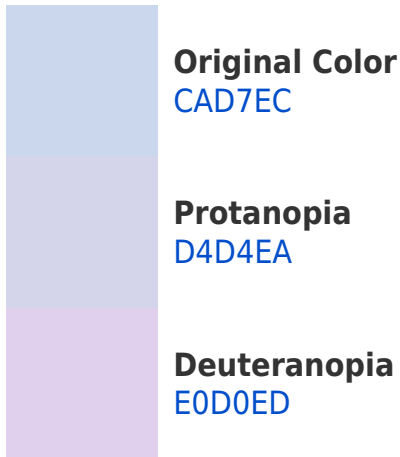


This preview shows how white text looks on a background with the Hex color CAD7EC.

# 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](#).

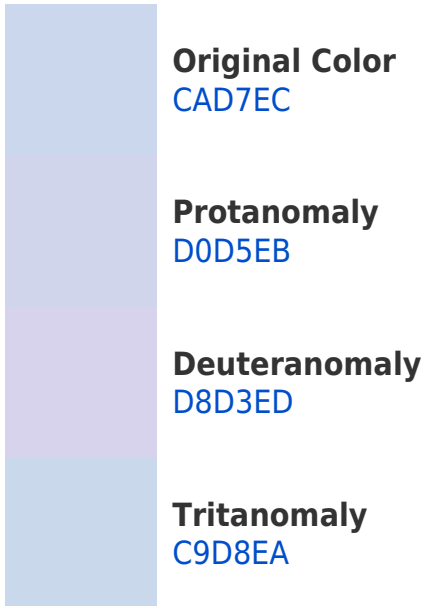
## Dichromacy



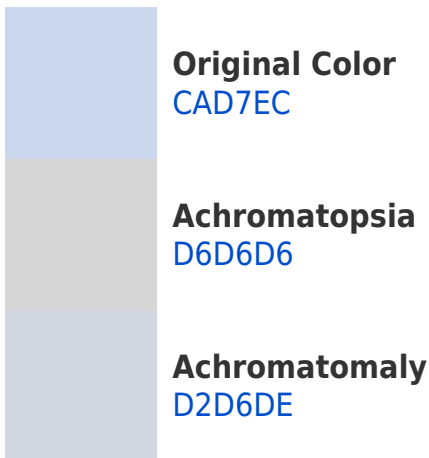


**Tritanopia**  
C9D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAD7EC 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 #CAD7EC looks like.

```
.text, #text, p{  
    color:#CAD7EC  
}
```

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 #CAD7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAD7EC
}
```

## Border

The CSS property to change the border of an element to Hex CAD7EC 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
#CAD7EC }
```

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

```
.border{ border-color:#CAD7EC }
```

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

Here you see how a box with a 4 pixel #CAD7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAD7EC; -webkit-box-shadow:4px 4px  
4px 4px #CAD7EC; box-shadow:4px 4px 4px  
4px #CAD7EC }
```

# Background

The CSS property to change the background color of an element to Hex CAD7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAD7EC }
```

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

```
.background{ background-color:#CAD7EC }
```

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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