

# Converting Colors

Hex(C0D2EA)

Have a look what the booklet for  
Hex(C0D2EA) contains.

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# **Color**

**Hex(C0D2EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0D2EA
RGB	192, 210, 234
RGB Percent	75%, 82%, 92%
CMY	0.2471, 0.1765, 0.0824
CMYK	0.18, 0.10, 0.00, 0.08
HSL	214°, 50%, 84%
HSV	214°, 18%, 92%
XYZ	59.6361, 63.2402, 86.9053
YIQ	207.3540, -18.4320, 3.6480

# Conversions

## Conversions Part 2

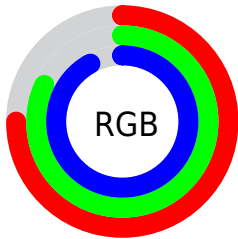
Format	Color
R <sub>Y</sub> B	192, 205, 234
Decimal	12636906
CIE Lab	83.57, -1.13, -13.85
CIE LCh	84, 13.896, 265.353
Yxy	63.2402, 0.2843, 0.3015
Android (android.graphics.Color)	4290826986 (0xFFC0D2EA)
YUV	207.3540, 13.1365, -13.4655
Hunter-Lab	79.5237, -5.3064, -9.1269

# Details

The Hex color `C0D2EA` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `EAD8C0`, and the grayscale version is `CFCFCF`.

A 20% lighter version of the original color is `F9FFFF`, and `8A9CB2` is the 20% darker color. If you saturate the color by 10%, you get `A9C5EA`, and if you desaturate by 10%, it is `D7DFEA`.

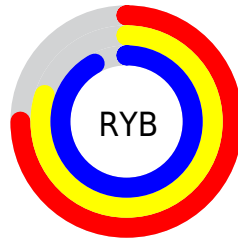
# Distribution



Red (75%)

Green (82%)

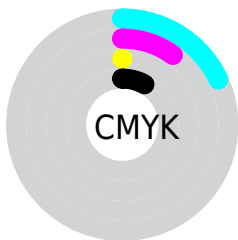
Blue (92%)



Red (75%)

Yellow (80%)

Blue (92%)

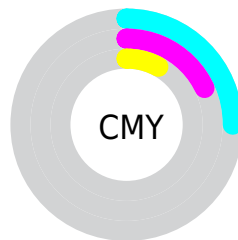


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (18%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0D2EA 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 C0D2EA by changing the saturation by 10% instead.



 C0D2EA

FFFFFF

 F9FFFF

 C0D2EA

 A5B6CE


 8A9CB2

 708298

 57697E

 3F5065

 283A4D

 112436

 000F21

 000007

 COD2EA

 C0D2EA

 A9C5EA

 D7DFEA

 91B7EA

 EFEDEA

 7AAAEA

 FFFAEA

 629DEA

 FFFFEA

 4B8FEA

 3482EA

 1C74EA

 0567EA

 0064EA

# Harmonies

## Analogous

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



B3D6E5



C0D2EA



D0CEE8

# Triad

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



C0D2EA



EDC8C6



C0D6C1

# Complementary

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



C0D2EA



EAD8C0

# 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.



CFD3B9



C0D2EA



E8CBBB

# Square

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



C0D2EA



EAC8D3



DDCFB6



B4D8CE

# Rectangle

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



C0D2EA



DBCBE3



DDCFB6



C5D5BE



# Sweetspot

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



C0D2EA



F2F8FF



C0EAD8



787B80



000000



808080

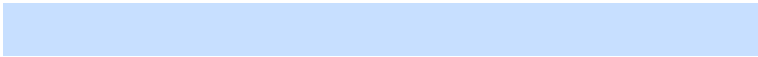


# Same Dimension

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



C0D2EA



C7DFFF



C3C0EA



6A6F75



004EB5



001736



# Inverse Universe

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



EAC0D2



FFC7DF



E7EAC0



756A6F



B5004E

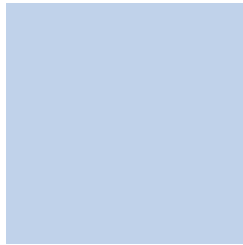


360017



# Previews

## White Background



This preview shows how the Hex color C0D2EA looks on a white background.

## Color Contrast Check

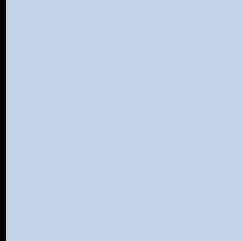
Large Text (above 18pt) WCAG AA × Fail

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 C0D2EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

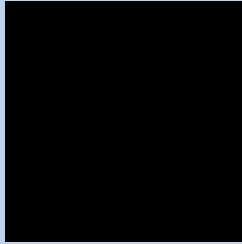
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

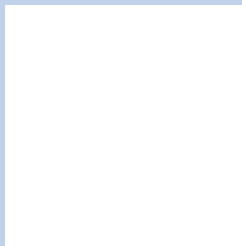
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0D2EA Background



This preview shows how black text looks on a background with the Hex color C0D2EA.

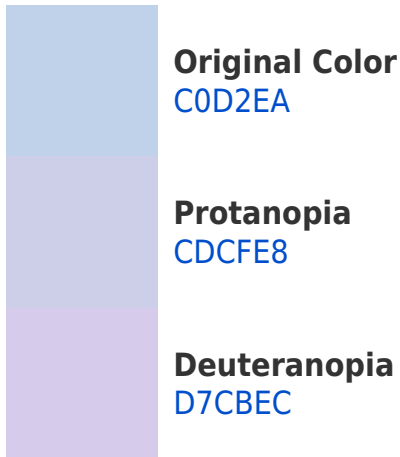


This preview shows how white text looks on a background with the Hex color C0D2EA.

# 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](#).

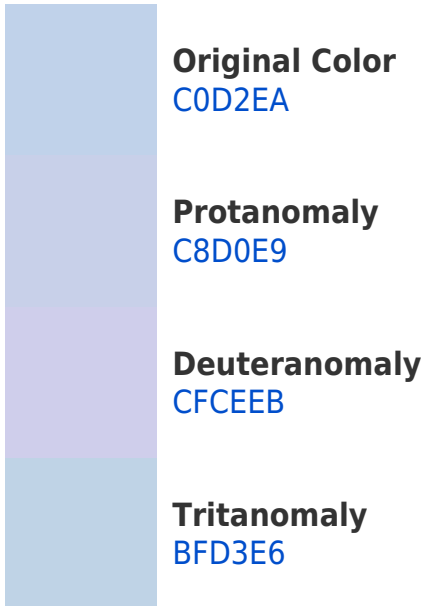
## Dichromacy



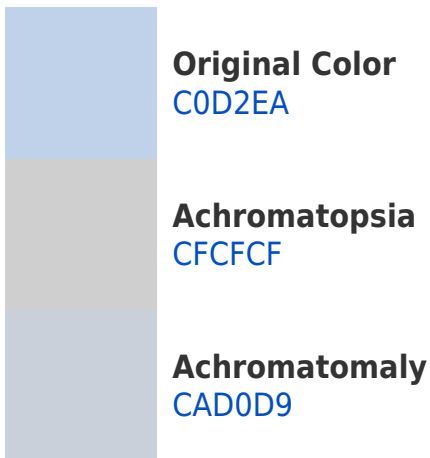


**Tritanopia**  
BFD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0D2EA 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 #C0D2EA looks like.

```
.text, #text, p{  
    color:#C0D2EA  
}
```

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 #C0D2EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0D2EA
}
```

## Border

The CSS property to change the border of an element to Hex C0D2EA 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
#C0D2EA }
```

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

```
.border{ border-color:#C0D2EA }
```

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

Here you see how a box with a 4 pixel #C0D2EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0D2EA; -webkit-box-shadow:4px 4px  
4px 4px #C0D2EA; box-shadow:4px 4px 4px  
4px #C0D2EA }
```

# Background

The CSS property to change the background color of an element to Hex C0D2EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0D2EA }
```

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

```
.background{ background-color:#C0D2EA }
```

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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