

# Converting Colors

Hex(C2C7EC)

Have a look what the booklet for  
Hex(C2C7EC) contains.

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# **Color**

**Hex(C2C7EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2C7EC
RGB	194, 199, 236
RGB Percent	76%, 78%, 93%
CMY	0.2392, 0.2196, 0.0745
CMYK	0.18, 0.16, 0.00, 0.07
HSL	233°, 53%, 84%
HSV	233°, 18%, 93%
XYZ	57.8119, 58.3723, 87.5768
YIQ	201.7230, -14.8570, 10.4470

# Conversions

## Conversions Part 2

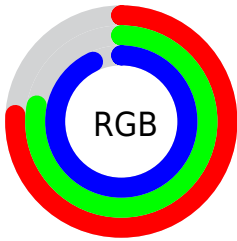
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 198, 236
Decimal	12765164
CIELab	80.95, 5.77, -18.85
CIELCh	81, 19.714, 287.023
Yxy	58.3723, 0.2837, 0.2865
Android (android.graphics.Color)	4290955244 (0xFFC2C7EC)
YUV	201.7230, 16.8986, -6.7731
Hunter-Lab	76.4018, 1.3647, -14.4809

# Details

The Hex color **C2C7EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **ECE7C2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FBFFFF**, and **8C91B4** is the 20% darker color. If you saturate the color by 10%, you get **AAB2EC**, and if you desaturate by 10%, it is **DADCEC**.

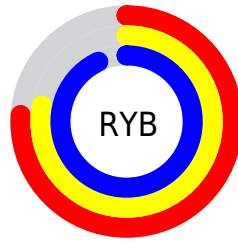
# Distribution



Red (76%)

Green (78%)

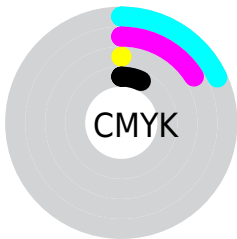
Blue (93%)



Red (76%)

Yellow (78%)

Blue (93%)

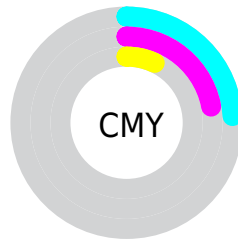


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (22%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2C7EC 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 C2C7EC by changing the saturation by 10% instead.



 C2C7EC

 C2C7EC

FFFFFF

 A7ACD0

 FBFFFF

 8C91B4

 727899

 595F7F

 414766

 2A314E

 131C37

 000122

 000008

 C2C7EC

 C2C7EC

 AAB2EC

 DADCEC

 939DEC

 F1F1EC

 7B89EC

 FFF FEC

 6474EC

 4C5FEC

 344AEC

 1D35EC

 0521EC

 001CEC

# Harmonies

## Analogous

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



ABCDEC



C2C7EC



D9C1E2

# Triad

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



C2C7EC



ECBFAF



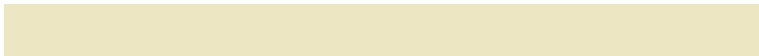
A4D3C0

# Complementary

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



C2C7EC



ECE7C2

# 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.



B7D0AF



C2C7EC



DFC5A5

# Square

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



C2C7EC



F0BCBF



CCCBA6



99D4D3

# Rectangle

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



C2C7EC



E5BED8



CCCBA6



AAD2BA



# Sweetspot

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



C2C7EC



F2F4FF



C2ECE6



787980



000000



808080



# Same Dimension

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



C2C7EC



C9D0FF



D1C2EC



6A6B75



0016B5



000636



# Inverse Universe

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



ECC2C7



FFC9D0



DDECC2



756A6B



B50016

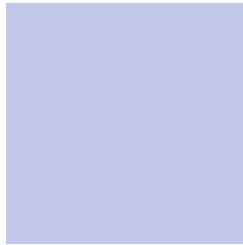


360006



# Previews

## White Background



This preview shows how the Hex color C2C7EC looks on a white background.

## Color Contrast Check

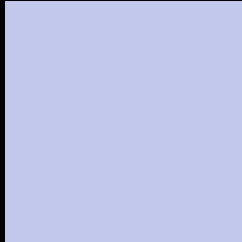
Large Text (above 18pt) WCAG AA × Fail

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 C2C7EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

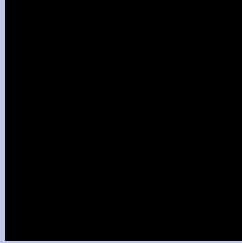
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2C7EC Background



This preview shows how black text looks on a background with the Hex color C2C7EC.



This preview shows how white text looks on a background with the Hex color C2C7EC.

# 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



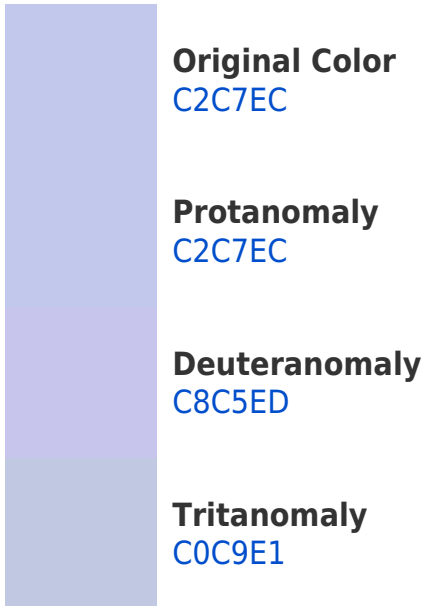
**Original Color**  
C2C7EC

**Protanopia**  
C2C7EC

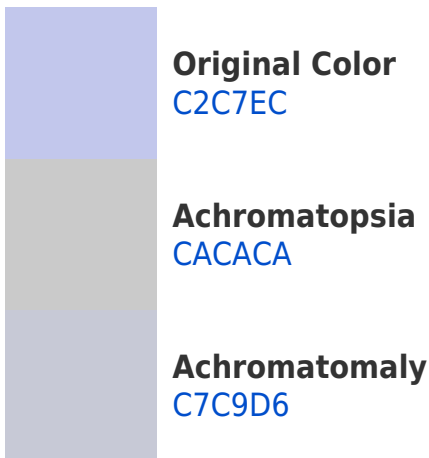
**Deuteranopia**  
CBC4ED



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2C7EC 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 #C2C7EC looks like.

```
.text, #text, p{  
    color:#C2C7EC  
}
```

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 #C2C7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C7EC  
}
```

## Border

The CSS property to change the border of an element to Hex C2C7EC 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  
#C2C7EC }
```

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

```
.border{ border-color:#C2C7EC }
```

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

Here you see how a box with a 4 pixel #C2C7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C7EC; -webkit-box-shadow:4px 4px  
4px 4px #C2C7EC; box-shadow:4px 4px 4px  
4px #C2C7EC }
```

# Background

The CSS property to change the background color of an element to Hex C2C7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C7EC }
```

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

```
.background{ background-color:#C2C7EC }
```

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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