

Converting Colors

Hex(C2C4EA)

Have a look what the booklet for
Hex(C2C4EA) contains.

Hex(C2C4EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C2C4EA)

Conversions

Conversions Part 1

Format	Color
Hex	C2C4EA
RGB	194, 196, 234
RGB Percent	76%, 77%, 92%
CMY	0.2392, 0.2314, 0.0824
CMYK	0.17, 0.16, 0.00, 0.08
HSL	237°, 49%, 84%
HSV	237°, 17%, 92%
XYZ	56.8393, 56.8897, 85.8270
YIQ	199.7340, -13.3900, 11.3940

Conversions

Conversions Part 2

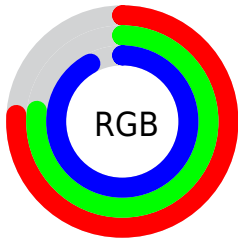
Format	Color
RYB	194, 196, 234
Decimal	12764394
CIELab	80.12, 6.95, -19.03
CIElCh	80, 20.260, 290.064
Yxy	56.8897, 0.2848, 0.2851
Android (android.graphics.Color)	4290954474 (0xFFC2C4EA)
YUV	199.7340, 16.8931, -5.0287
Hunter-Lab	75.4253, 2.5207, -14.6688

Details

The Hex color **C2C4EA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAE8C2**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FBFDFF**, and **8C8EB2** is the 20% darker color. If you saturate the color by 10%, you get **ABAEEA**, and if you desaturate by 10%, it is **D9DAEA**.

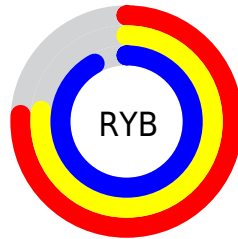
Distribution



Red (76%)

Green (77%)

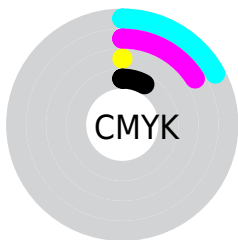
Blue (92%)



Red (76%)

Yellow (77%)

Blue (92%)

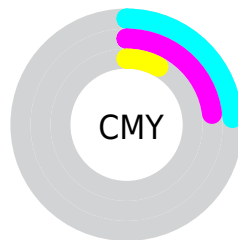


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (23%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2C4EA 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 C2C4EA by changing the saturation by 10% instead.

 C2C4EA

FFFFFF

 FBFDFD

 C2C4EA

 A7A9CE


 8C8EB2

 727597

 595C7D

 414564

 2A2F4C

 131A35

 000021

 000005

 C2C4EA

 C2C4EA

 ABAEEA

 D9DAEA

 9398EA

 F1F0EA


 7C81EA

 FFFFEA

 646BEA

 4D55EA

 363FEA

 1E28EA

 0712EA

 000CEA

Harmonies

Analogous

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



AACAEB



C2C4EA



D9BEDF

Triad

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



C2C4EA



E9BDAA



9FD1C0

Complementary

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



C2C4EA



EAE8C2

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.



B2CEAE



C2C4EA



DCC3A2

Square

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



C2C4EA



EEBABB



C8C9A3



94D2D3

Rectangle

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



C2C4EA



E5BBD4



C8C9A3



A5D1B9

Sweetspot

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



C2C4EA



F2F3FF



C2EAE8



787880



000000



808080

Same Dimension

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



C2C4EA



C9CCFF



D3C2EA



6A6A75



0009B5



000336

Inverse Universe

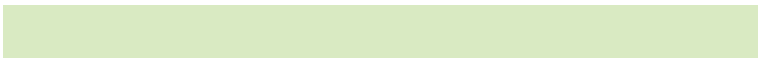
The Inverse Universe completely reimagines the original color for something new.



EAC2C4



FFC9CC



D9EAC2



756A6A



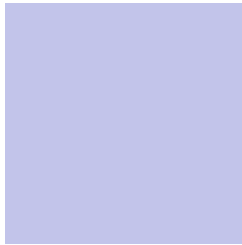
B50009



360003

Previews

White Background



This preview shows how the Hex color C2C4EA looks on a white background.

Color Contrast Check

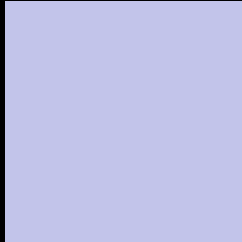
Large Text (above 18pt) WCAG AA × Fail

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 C2C4EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

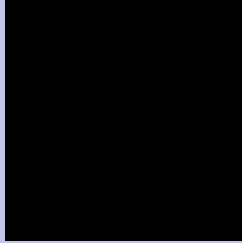
Any Text WCAG AA ✓ Pass

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 C2C4EA Background



This preview shows how black text looks on a background with the Hex color C2C4EA.



This preview shows how white text looks on a background with the Hex color C2C4EA.

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
C2C4EA

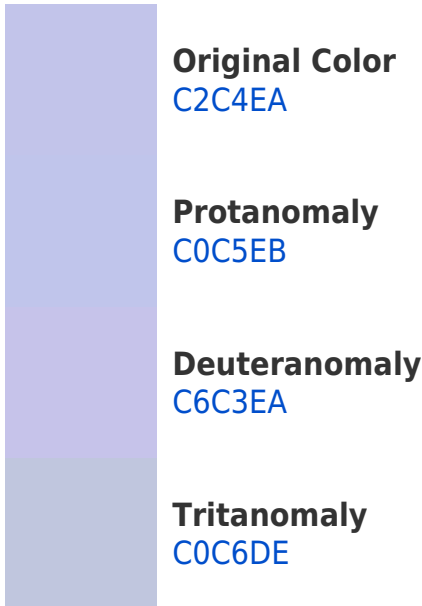
Protanopia
BFC5EB

Deuteranopia
C8C2EA

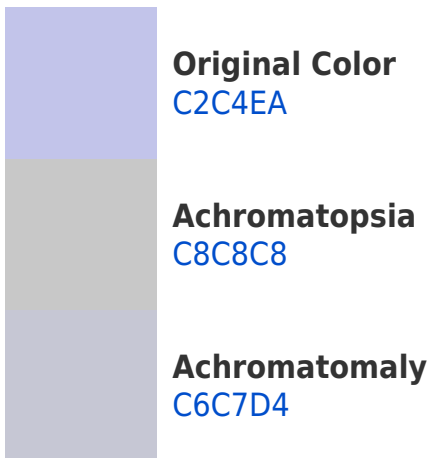


Tritanopia
BFC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2C4EA 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 #C2C4EA looks like.

```
.text, #text, p{  
    color:#C2C4EA  
}
```

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 #C2C4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C4EA
}
```

Border

The CSS property to change the border of an element to Hex C2C4EA 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
#C2C4EA }
```

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

```
.border{ border-color:#C2C4EA }
```

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

Here you see how a box with a 4 pixel #C2C4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C4EA; -webkit-box-shadow:4px 4px  
4px 4px #C2C4EA; box-shadow:4px 4px 4px  
4px #C2C4EA }
```

Background

The CSS property to change the background color of an element to Hex C2C4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C4EA }
```

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

```
.background{ background-color:#C2C4EA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor