

Converting Colors

Hex(C2A4EB)

Have a look what the booklet for
Hex(C2A4EB) contains.

Hex(C2A4EB)	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(C2A4EB)

Conversions

Conversions Part 1

Format	Color
Hex	C2A4EB
RGB	194, 164, 235
RGB Percent	76%, 64%, 92%
CMY	0.2392, 0.3569, 0.0784
CMYK	0.17, 0.30, 0.00, 0.08
HSL	265°, 64%, 78%
HSV	265°, 30%, 92%
XYZ	50.5190, 44.0184, 84.4310
YIQ	181.0640, -4.9110, 28.4410

Conversions

Conversions Part 2

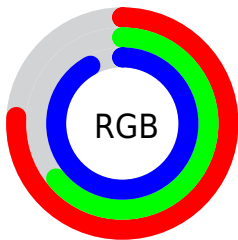
Format	Color
RYB	194, 164, 235
Decimal	12756203
CIELab	72.24, 24.67, -31.60
CIElCh	72, 40.093, 307.977
Yxy	44.0184, 0.2823, 0.2460
Android (android.graphics.Color)	4290946283 (0xFFC2A4EB)
YUV	181.0640, 26.5904, 11.3449
Hunter-Lab	66.3464, 19.8114, -29.0088

Details

The Hex color **C2A4EB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CDEBA4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FBDBFF**, and **8B70B3** is the 20% darker color. If you saturate the color by 10%, you get **B48DEB**, and if you desaturate by 10%, it is **D0BCEB**.

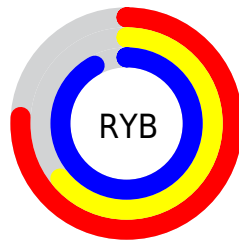
Distribution



Red (76%)

Green (64%)

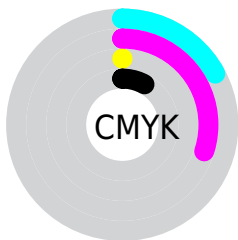
Blue (92%)



Red (76%)

Yellow (64%)

Blue (92%)

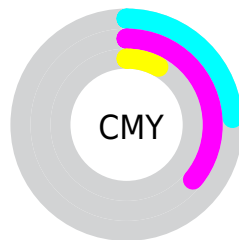


Cyan (17%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (36%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2A4EB 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 C2A4EB by changing the saturation by 10% instead.

 C2A4EB

 C2A4EB


FFFFFF

 A68ACF

 FBDBFF

 8B70B3

 FFF8FF

 715798

 58407E

 3F2965

 27144C

 130035

 00021F

 000002

 C2A4EB

 C2A4EB

 B48DEB

 D0BCEB

 A775EB

 DDD3EB

 995EEB


 EBEBEB

 8C46EB

 F8FFEB

 7E2FEB

 FFFFEB

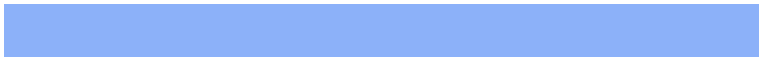
 7117EB

 6300EB

Harmonies

Analogous

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



8CB1F9



C2A4EB



E798CD

Triad

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



C2A4EB



E0A66E



31C5BA

Complementary

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



C2A4EB



CDEBA4

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.



6AC294



C2A4EB



C0B267

Square

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



C2A4EB



F49A86



98BC76



00C3DD

Rectangle

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



C2A4EB



F495B5



98BC76



46C4AD

Sweetspot

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



C2A4EB



F2E8FF



A4CDEB



777180



000000



808080

Same Dimension

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



C2A4EB



CAA3FF



E5A4EB



6F6A75



4D00B5



170036

Inverse Universe

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



EBA4CD



FFA3D8



AAEBA4



756A70



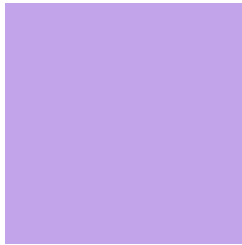
B50069



36001F

Previews

White Background



This preview shows how the Hex color C2A4EB looks on a white background.

Color Contrast Check

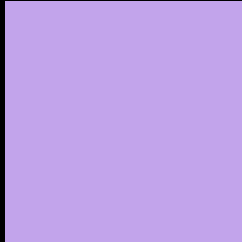
Large Text (above 18pt) WCAG AA × Fail

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 C2A4EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

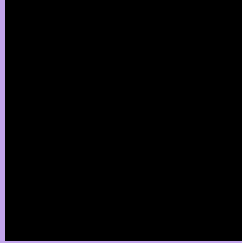
Any Text WCAG AA ✓ Pass

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 C2A4EB Background



This preview shows how black text looks on a background with the Hex color C2A4EB.

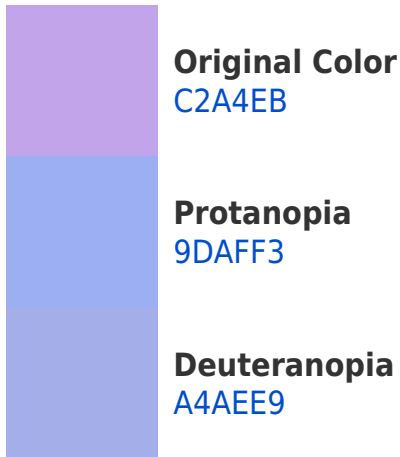


This preview shows how white text looks on a background with the Hex color C2A4EB.

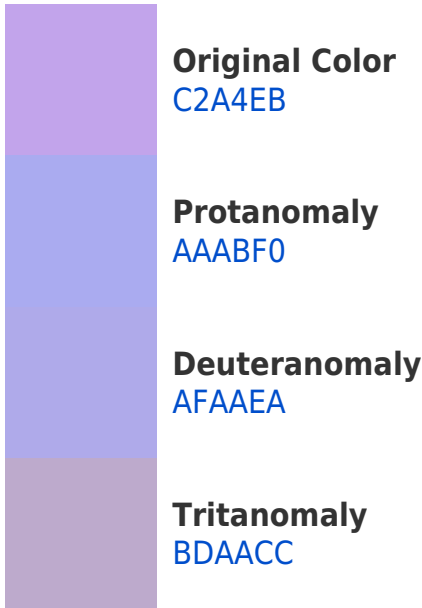
Color Blindness Simulation

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](#).

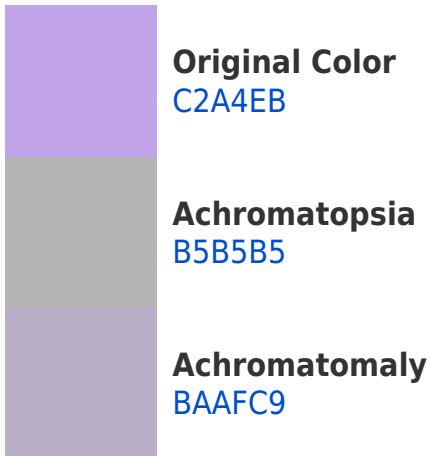
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2A4EB 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 #C2A4EB looks like.

```
.text, #text, p{  
    color:#C2A4EB  
}
```

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 #C2A4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A4EB
}
```

Border

The CSS property to change the border of an element to Hex C2A4EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

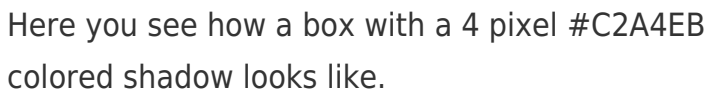
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C2A4EB }
```

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

```
.border{ border-color:#C2A4EB }
```

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



Here you see how a box with a 4 pixel `#C2A4EB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A4EB; -webkit-box-shadow:4px 4px  
4px 4px #C2A4EB; box-shadow:4px 4px 4px  
4px #C2A4EB }
```

Background

The CSS property to change the background color of an element to Hex C2A4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A4EB }
```

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

```
.background{ background-color:#C2A4EB }
```

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