

# Converting Colors

Hex(C2B8EF)

Have a look what the booklet for  
Hex(C2B8EF) contains.

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# Color

**Hex(C2B8EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2B8EF
RGB	194, 184, 239
RGB Percent	76%, 72%, 94%
CMY	0.2392, 0.2784, 0.0627
CMYK	0.19, 0.23, 0.00, 0.06
HSL	251°, 63%, 83%
HSV	251°, 23%, 94%
XYZ	54.9686, 51.9823, 88.7978
YIQ	193.2600, -11.6950, 19.2250

# Conversions

## Conversions Part 2

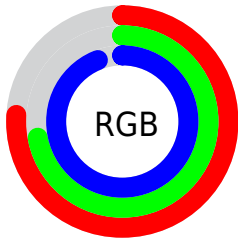
Format	Color
<a href="#">RYB</a>	<a href="#">194, 184, 239</a>
Decimal	<a href="#">12761327</a>
CIELab	<a href="#">77.27, 14.55, -26.05</a>
CIElCh	<a href="#">77, 29.835, 299.188</a>
Yxy	<a href="#">51.9823, 0.2808, 0.2656</a>
Android (android.graphics.Color)	<a href="#">4290951407</a> ( <a href="#">0xFFC2B8EF</a> )
YUV	<a href="#">193.2600, 22.5498, 0.6490</a>
Hunter-Lab	<a href="#">72.0988, 9.9169, -22.5532</a>

# Details

The Hex color **C2B8EF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E5EFB8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FBF0FF**, and **8C83B7** is the 20% darker color. If you saturate the color by 10%, you get **AEA0EF**, and if you desaturate by 10%, it is **D6D0EF**.

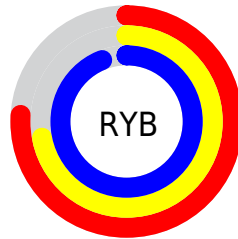
# Distribution



Red (76%)

Green (72%)

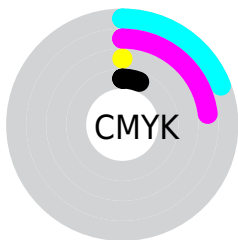
Blue (94%)



Red (76%)

Yellow (72%)

Blue (94%)

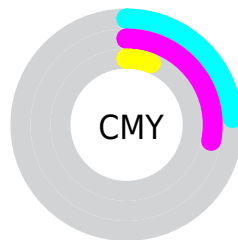


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (28%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2B8EF 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 C2B8EF by changing the saturation by 10% instead.



 C2B8EF

FFFFFF

 FBF0FF

 C2B8EF

 A69DD3

 8C83B7

 726A9C

 585282

 403B68

 282550

 101139

 000023

 00000A

 C2B8EF

 C2B8EF

 AEA0EF

 D6D0EF

 9B88EF

 E9E8EF

 8770EF

 FDFFEF

 7458EF

 FFFFEF

 6041EF

 4D29EF

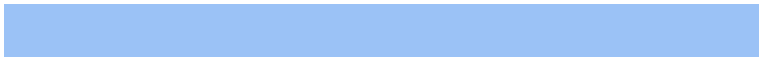
 3911EF

 2B00EF

# Harmonies

## Analogous

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



9BC2F6



C2B8EF



E2AFDC

# Triad

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



C2B8EF



EAB490



79CEBD

# Complementary

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



C2B8EF



E5EFB8

# 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.



96CBA2



C2B8EF



D3BD88

# Square

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



C2B8EF



F6ACA5



B6C58E



6ACED9

# Rectangle

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



C2B8EF



EFACCA



B6C58E



82CEB4



# Sweetspot

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



C2B8EF



F0EDFF



B8E6EF



777580



000000



808080



# Same Dimension

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



C2B8EF



C5B8FF



DDB8EF



6E6C78



2100B8



0A0038



# Inverse Universe

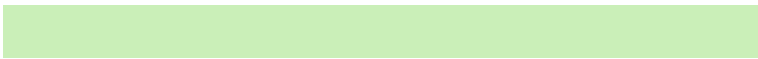
The Inverse Universe completely reimagines the original color for something new.



EFB8E5



FFB8F2



CAEFB8



786C76



B80096

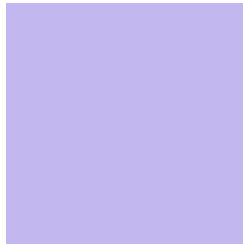


38002E



# Previews

## White Background



This preview shows how the Hex color C2B8EF looks on a white background.

## Color Contrast Check

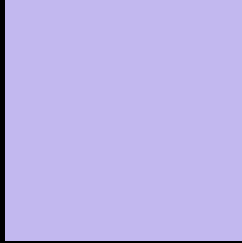
Large Text (above 18pt) WCAG AA × Fail

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 C2B8EF 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 C2B8EF Background



This preview shows how black text looks on a background with the Hex color C2B8EF.



This preview shows how white text looks on a background with the Hex color C2B8EF.

# Color Blindness Simulation

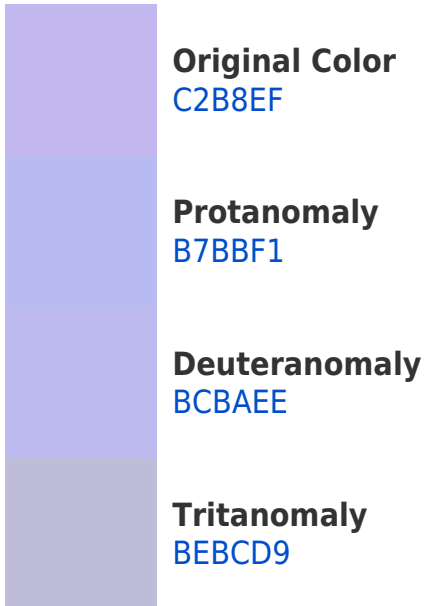
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

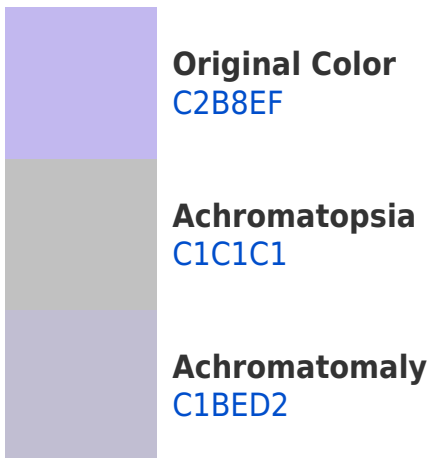




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2B8EF 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 #C2B8EF looks like.

```
.text, #text, p{  
    color:#C2B8EF  
}
```

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 #C2B8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2B8EF
}
```

## Border

The CSS property to change the border of an element to Hex C2B8EF 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
#C2B8EF }
```

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

```
.border{ border-color:#C2B8EF }
```

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

Here you see how a box with a 4 pixel #C2B8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2B8EF; -webkit-box-shadow:4px 4px  
4px 4px #C2B8EF; box-shadow:4px 4px 4px  
4px #C2B8EF }
```

# Background

The CSS property to change the background color of an element to Hex C2B8EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2B8EF }
```

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

```
.background{ background-color:#C2B8EF }
```

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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