

# Converting Colors

Hex(C2BCF0)

Have a look what the booklet for  
Hex(C2BCF0) contains.

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# **Color**

**Hex(C2BCF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2BCF0
RGB	194, 188, 240
RGB Percent	76%, 74%, 94%
CMY	0.2392, 0.2627, 0.0588
CMYK	0.19, 0.22, 0.00, 0.06
HSL	247°, 63%, 84%
HSV	247°, 22%, 94%
XYZ	55.9595, 53.7270, 89.8590
YIQ	195.7220, -13.1160, 17.4440

# Conversions

## Conversions Part 2

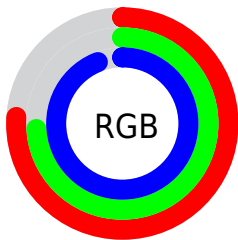
Format	Color
R <sub>Y</sub> B	194, 188, 240
Decimal	12762352
CIE Lab	78.30, 12.59, -25.01
CIE LCh	78, 27.999, 296.722
Yxy	53.7270, 0.2804, 0.2692
Android (android.graphics.Color)	4290952432 (0xFFC2BCF0)
YUV	195.7220, 21.8291, -1.5102
Hunter-Lab	73.2987, 8.0021, -21.3762

# Details

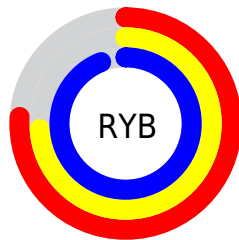
The Hex color **C2BCF0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAF0BC**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FBF4FF**, and **8C87B8** is the 20% darker color. If you saturate the color by 10%, you get **ADA4F0**, and if you desaturate by 10%, it is **D7D4F0**.

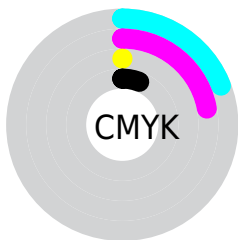
# Distribution



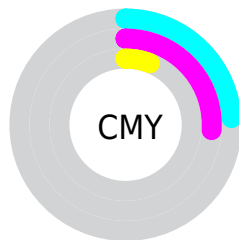
- Red (76%)
- Green (74%)
- Blue (94%)



- Red (76%)
- Yellow (74%)
- Blue (94%)



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (26%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2BCF0 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 C2BCF0 by changing the saturation by 10% instead.



 C2BCF0

FFFFFF

 FBF4FF

 C2BCF0

 A7A1D4

 8C87B8

 726E9D

 595583

 403E69

 282851

 10143A

 000024

 00000C

 C2BCF0

 C2BCF0

 ADA4F0

 D7D4F0

 988CF0

 ECECF0

 8274F0

 FFFFF0

 6D5CF0

 5844F0

 432CF0

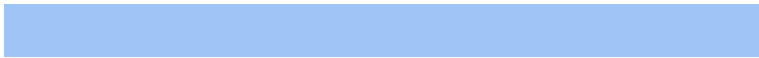
 2D14F0

 1C00F0

# Harmonies

## Analogous

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



9EC5F5



C2BCF0



E1B4DF

# Triad

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



C2BCF0



ECB697



83D0BE

# Complementary

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



C2BCF0



EAF0BC

# 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.



9ECDA4



C2BCF0



D7BF8E

# Square

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



C2BCF0



F6B0AC



BCC793



75D0D8

# Rectangle

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



C2BCF0



EEB0CE



BCC793



8BD0B5



# Sweetspot

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



C2BCF0



EFEDFF



BCEBF0



767580



000000



808080



# Same Dimension

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



C2BCF0



C4BDFF



DBBCF0



6D6C78



1500B8



060038



# Inverse Universe

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



F0BCEA



FFBDF7



D1F0BC



786C76



B800A2

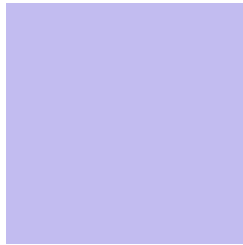


380032



# Previews

## White Background



This preview shows how the Hex color C2BCF0 looks on a white background.

## Color Contrast Check

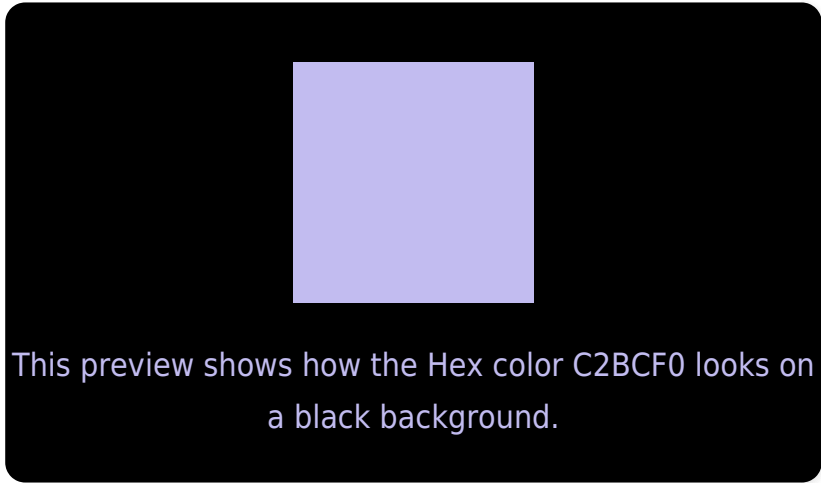
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

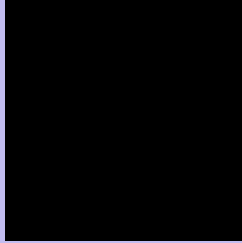
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2BCF0 Background



This preview shows how black text looks on a background with the Hex color C2BCF0.



This preview shows how white text looks on a background with the Hex color C2BCF0.

# 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



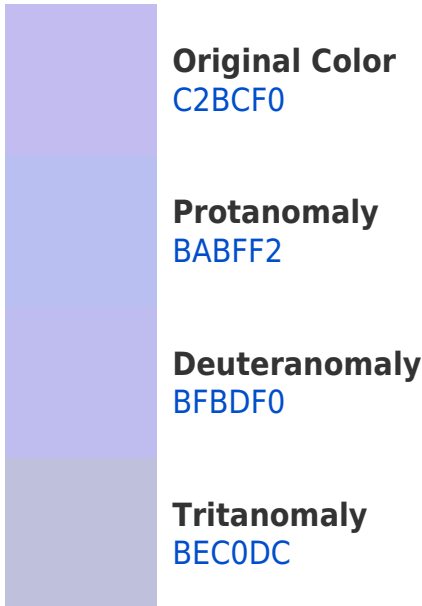
**Original Color**  
C2BCF0

**Protanopia**  
B5C0F3

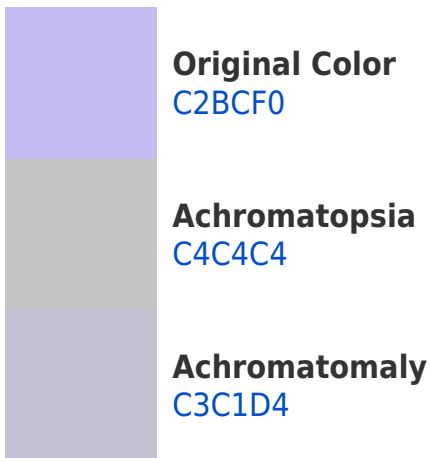
**Deuteranopia**  
BDBEF0



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2BCF0 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 #C2BCF0 looks like.

```
.text, #text, p{  
    color:#C2BCF0  
}
```

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 #C2BCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2BCF0
}
```

## Border

The CSS property to change the border of an element to Hex C2BCF0 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
#C2BCF0 }
```

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

```
.border{ border-color:#C2BCF0 }
```

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

Here you see how a box with a 4 pixel #C2BCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2BCF0; -webkit-box-shadow:4px 4px  
4px 4px #C2BCF0; box-shadow:4px 4px 4px  
4px #C2BCF0 }
```

# Background

The CSS property to change the background color of an element to Hex C2BCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2BCF0 }
```

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

```
.background{ background-color:#C2BCF0 }
```

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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