

# Converting Colors

Hex(C2BEFB)

Have a look what the booklet for  
Hex(C2BEFB) contains.

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# **Color**

**Hex(C2BEFB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C2BEFB                      |
| RGB         | 194, 190, 251               |
| RGB Percent | 76%, 75%, 98%               |
| CMY         | 0.2392, 0.2549, 0.0157      |
| CMYK        | 0.23, 0.24, 0.00, 0.02      |
| HSL         | 244°, 88%, 86%              |
| HSV         | 244°, 24%, 98%              |
| XYZ         | 58.0742, 55.2613, 98.8724   |
| YIQ         | 198.1500, -17.1970, 19.8190 |

# Conversions

## Conversions Part 2

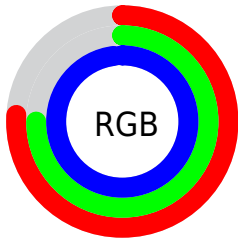
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 194, 190, 251                 |
| Decimal                             | 12762875                      |
| CIELab                              | 79.19, 13.97, -29.55          |
| CIELCh                              | 79, 32.686, 295.304           |
| Yxy                                 | 55.2613, 0.2737,<br>0.2604    |
| Android<br>(android.graphics.Color) | 4290952955<br>(0xFFC2BEFB)    |
| YUV                                 | 198.1500, 26.0550,<br>-3.6396 |
| Hunter-Lab                          | 74.3379, 9.3561,<br>-26.8215  |

# Details

The Hex color **C2BEFB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7FBBE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FBF6FF**, and **8B89C2** is the 20% darker color. If you saturate the color by 10%, you get **ABA5FB**, and if you desaturate by 10%, it is **D9D7FB**.

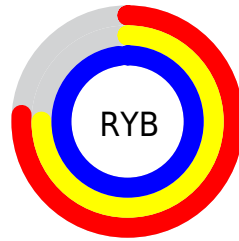
# Distribution



Red (76%)

Green (75%)

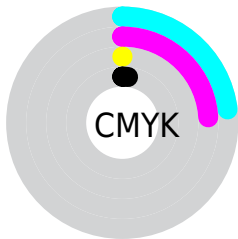
Blue (98%)



Red (76%)

Yellow (75%)

Blue (98%)

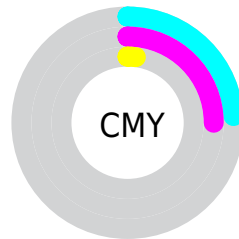


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (25%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2BEFB 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 C2BEFB by changing the saturation by 10% instead.



 C2BEFB


FFFFFF

 FBF6FF

 C2BEFB

 A6A3DE

 8B89C2

 716FA7

 58578C

 3F4073

 262A5A

 0B1642

 00002C

 000116

 C2BEFB

 C2BEFB

 ABA5FB

 D9D7FB

 938CFB

 F1F0FB

 7C73FB

 FFFFFB

 645AFB

 4D41FB

 3527FB

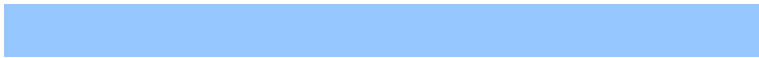
 1E0EFB

 1000FB

# Harmonies

## Analogous

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



96C8FF



C2BEFB



E7B4E7

# Triad

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



C2BEFB



F6B693



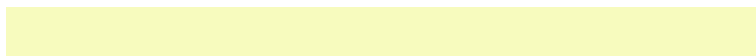
7AD5BE

# Complementary

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



C2BEFB



F7FBBE

# 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.



9CD1A1



C2BEFB



DEC188

# Square

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



C2BEFB



FFAFAC



BFCA8C



64D4DD

# Rectangle

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



C2BEFB



F7AFD4



BFCA8C



84D4B4



# Sweetspot

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



C2BEFB



EEEDFF



BEF8FB



767580



000000



808080



# Same Dimension

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



C2BEFB



BAB5FF



E0BEFB



71707D



0C00BD



04003D



# Inverse Universe

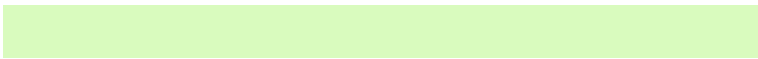
The Inverse Universe completely reimagines the original color for something new.



FBBEF7



FFB5FA



D9FBBE



7D707C



BD00B0

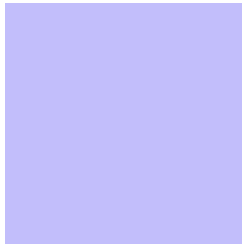


3D0039



# Previews

## White Background



This preview shows how the Hex color C2BEFB looks on a white background.

## Color Contrast Check

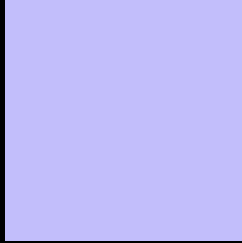
Large Text (above 18pt) WCAG AA × Fail

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 C2BEFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

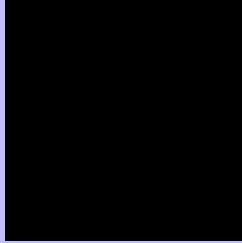
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2BEFB Background



This preview shows how black text looks on a background with the Hex color C2BEFB.



This preview shows how white text looks on a background with the Hex color C2BEFB.

# Color Blindness Simulation

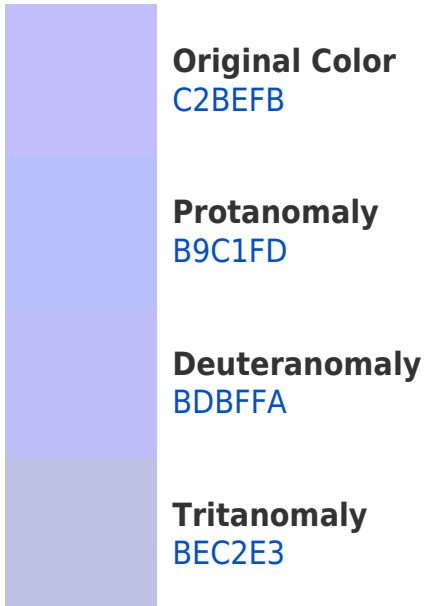
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

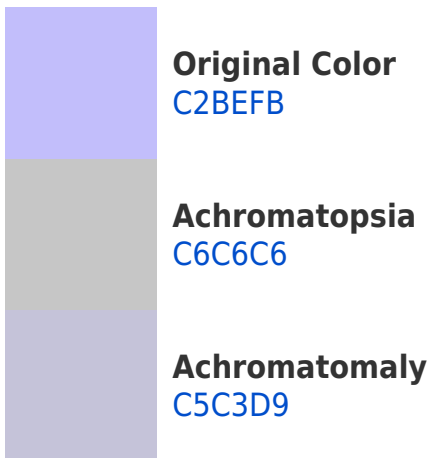




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2BEFB 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 #C2BEFB looks like.

```
.text, #text, p{  
    color:#C2BEFB  
}
```

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 #C2BEFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2BEFB
}
```

## Border

The CSS property to change the border of an element to Hex C2BEFB 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
#C2BEFB }
```

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

```
.border{ border-color:#C2BEFB }
```

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

Here you see how a box with a 4 pixel #C2BEFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2BEFB; -webkit-box-shadow:4px 4px  
4px 4px #C2BEFB; box-shadow:4px 4px 4px  
4px #C2BEFB }
```

# Background

The CSS property to change the background color of an element to Hex C2BEFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2BEFB }
```

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

```
.background{ background-color:#C2BEFB }
```

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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