

# Converting Colors

Hex(C4BEFF)

Have a look what the booklet for  
Hex(C4BEFF) contains.

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# **Color**

**Hex(C4BEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4BEFF
RGB	196, 190, 255
RGB Percent	77%, 75%, 100%
CMY	0.2314, 0.2549, 0.0000
CMYK	0.23, 0.25, 0.00, 0.00
HSL	246°, 100%, 87%
HSV	246°, 25%, 100%
XYZ	59.2284, 55.7827, 102.2532
YIQ	199.2040, -17.2890, 21.4870

# Conversions

## Conversions Part 2

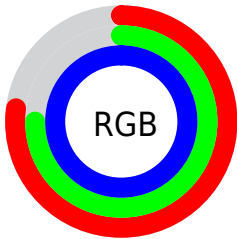
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 190, 255
Decimal	12893951
CIE <sub>Lab</sub>	79.49, 15.48, -31.22
CIE <sub>LCh</sub>	79, 34.843, 296.371
Yxy	55.7827, 0.2726, 0.2568
Android (android.graphics.Color)	4291084031 (0xFFC4BEFF)
YUV	199.2040, 27.5074, -2.8099
Hunter-Lab	74.6878, 10.8492, -28.8910

# Details

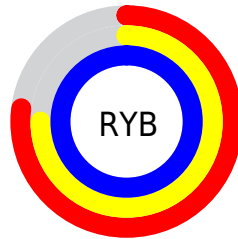
The Hex color **C4BEFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F9FFBE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FDF6FF**, and **8D89C6** is the 20% darker color. If you saturate the color by 10%, you get **ADA5FF**, and if you desaturate by 10%, it is **DBD8FF**.

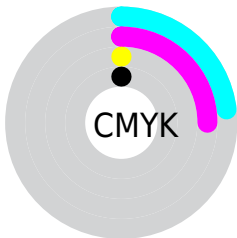
# Distribution



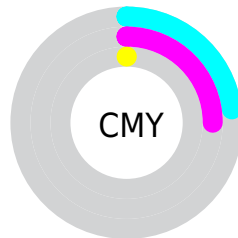
- Red (77%)
- Green (75%)
- Blue (100%)



- Red (77%)
- Yellow (75%)
- Blue (100%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4BEFF 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 C4BEFF by changing the saturation by 10% instead.



 C4BEFF

FFFFFF

 FDF6FF

 C4BEFF

 A8A3E2

 8D89C6

 736FAB

 595790

 404076

 272A5D

 0B1645

 00002F

 000119

 C4BEFF

 C4BEFF

 ADA5FF

 DBD8FF

 968BFF

 F2F1FF

 7F72FF

FFFFFF

 6758FF

 503FFF

 3925FF

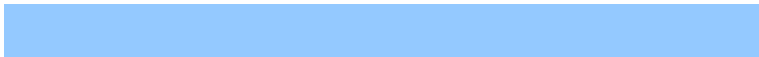
 220CFF

 1800FF

# Harmonies

## Analogous

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



94C9FF



C4BEFF



EBB3E9

# Triad

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



C4BEFF



F9B790



73D7C0

# Complementary

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



C4BEFF



F9FFBE

# 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.



98D3A0



C4BEFF



DFC284

# Square

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



C4BEFF



FFAEAA



BECC8A



5AD6E1

# Rectangle

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



C4BEFF



FCAED5



BECC8A



7FD6B5



# Sweetspot

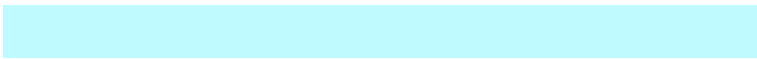
The Sweet Spot groups the original color and five complimentary colors.



C4BEFF



ECEBFF



BEFAFF



747380



000000



808080



# Same Dimension

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



C4BEFF



B7B0FF



E4BEFF



747380



1200BF



060040



# Inverse Universe

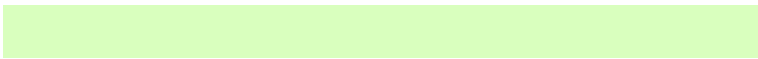
The Inverse Universe completely reimagines the original color for something new.



FFBEF9



FFB0F8



D9FFBE



80737E



BF00AE

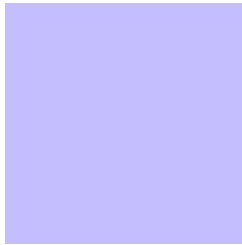


40003A



# Previews

## White Background



This preview shows how the Hex color C4BEFF looks on a white background.

## Color Contrast Check

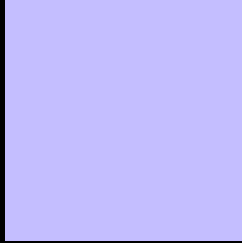
Large Text (above 18pt) WCAG AA × Fail

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 C4BEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

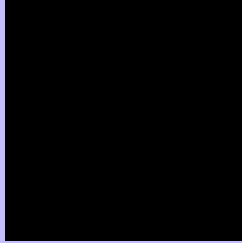
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4BEFF Background



This preview shows how black text looks on a background with the Hex color C4BEFF.

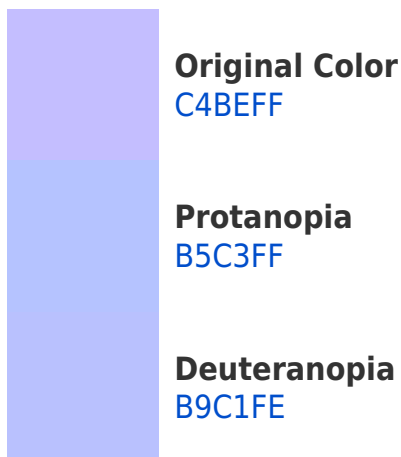


This preview shows how white text looks on a background with the Hex color C4BEFF.

# Color Blindness Simulation

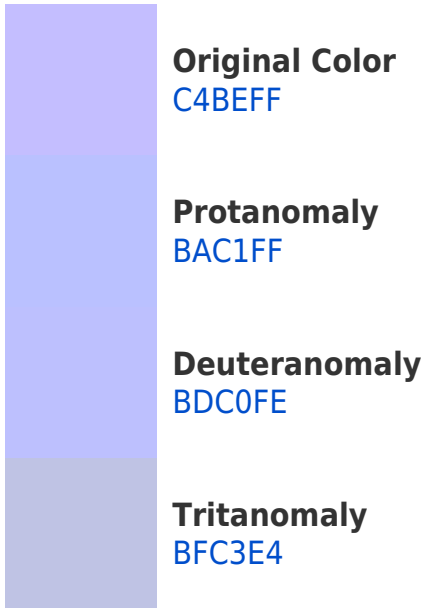
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

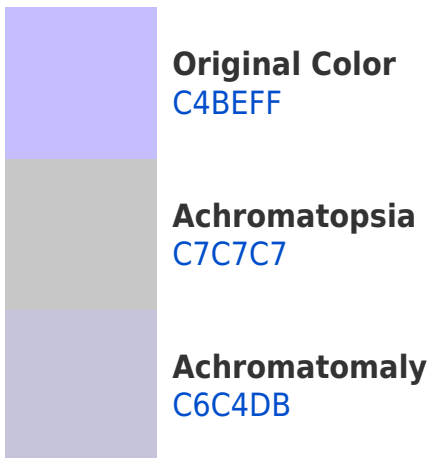




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4BEFF 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 #C4BEFF looks like.

```
.text, #text, p{  
    color:#C4BEFF  
}
```

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 #C4BEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BEFF
}
```

## Border

The CSS property to change the border of an element to Hex C4BEFF 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
#C4BEFF }
```

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

```
.border{ border-color:#C4BEFF }
```

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

Here you see how a box with a 4 pixel #C4BEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BEFF; -webkit-box-shadow:4px 4px  
4px 4px #C4BEFF; box-shadow:4px 4px 4px  
4px #C4BEFF }
```

# Background

The CSS property to change the background color of an element to Hex C4BEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BEFF }
```

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

```
.background{ background-color:#C4BEFF }
```

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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