

# Converting Colors

Hex(C1B4FF)

Have a look what the booklet for  
Hex(C1B4FF) contains.

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# **Color**

**Hex(C1B4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1B4FF
RGB	193, 180, 255
RGB Percent	76%, 71%, 100%
CMY	0.2431, 0.2941, 0.0000
CMYK	0.24, 0.29, 0.00, 0.00
HSL	250°, 100%, 85%
HSV	250°, 29%, 100%
XYZ	56.3636, 51.2000, 101.5196
YIQ	192.4370, -16.3270, 26.0810

# Conversions

## Conversions Part 2

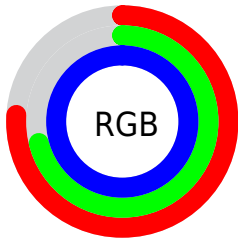
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 180, 255
Decimal	12694783
CIE <sub>Lab</sub>	76.80, 20.07, -35.39
CIE <sub>LCh</sub>	77, 40.682, 299.563
Yxy	51.2000, 0.2696, 0.2449
Android (android.graphics.Color)	4290884863 (0xFFC1B4FF)
YUV	192.4370, 30.8436, 0.4938
Hunter-Lab	71.5542, 15.3856, -34.0316

# Details

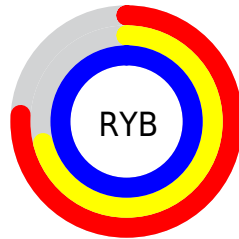
The Hex color **C1B4FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F2FFB4**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FAECCF**, and **8A7FC6** is the 20% darker color. If you saturate the color by 10%, you get **AC9BFF**, and if you desaturate by 10%, it is **D6CEFF**.

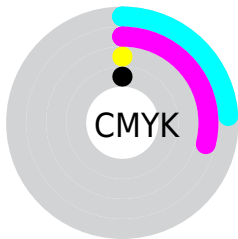
# Distribution



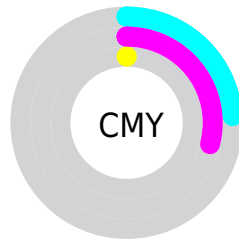
- Red (76%)
- Green (71%)
- Blue (100%)



- Red (76%)
- Yellow (71%)
- Blue (100%)



- Cyan (24%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1B4FF 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 C1B4FF by changing the saturation by 10% instead.



 C1B4FF

 C1B4FF

FFFFFF

 A599E2

 FAECFF

 8A7FC6

 7066AA

 564E90

 3C3776

 22225D

 030E45

 00002E

 000118

 C1B4FF

 C1B4FF

 AC9BFF

 D6CEFF

 9781FF

 EBE7FF

 8268FF

 FFFFFFFF

 6D4EFF

 5835FF

 431BFF

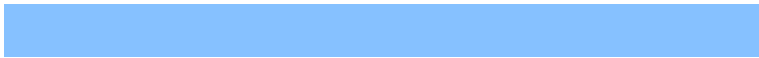
 2D02FF

 2C00FF

# Harmonies

## Analogous

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



86C1FF



C1B4FF



ECA7E4

# Triad

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



C1B4FF



F5AE7E



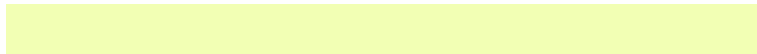
50D2BC

# Complementary

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



C1B4FF



F2FFB4

# 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.



83CE96



C1B4FF



D7BB72

# Square

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



C1B4FF



FFA39A



B0C67B



1BD1E1

# Rectangle

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



C1B4FF



FEA2CC



B0C67B



62D1AF



# Sweetspot

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



C1B4FF



ECE8FF



B4F3FF



747180



000000



808080



# Same Dimension

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



C1B4FF



B5A6FF



E6B4FF



757380



2100BF



0B0040



# Inverse Universe

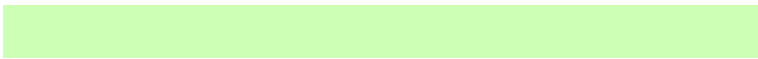
The Inverse Universe completely reimagines the original color for something new.



FFB4F2



FFA6F0



CDFFB4



80737D



BF009E

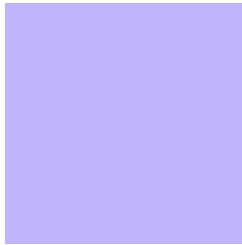


400035



# Previews

## White Background



This preview shows how the Hex color C1B4FF looks on a white background.

## Color Contrast Check

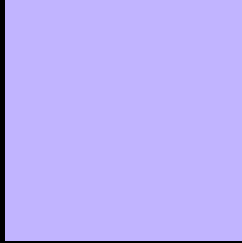
Large Text (above 18pt) WCAG AA × Fail

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 C1B4FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

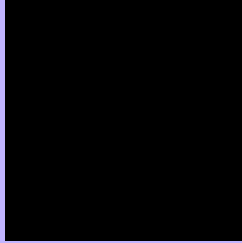
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1B4FF Background



This preview shows how black text looks on a background with the Hex color C1B4FF.

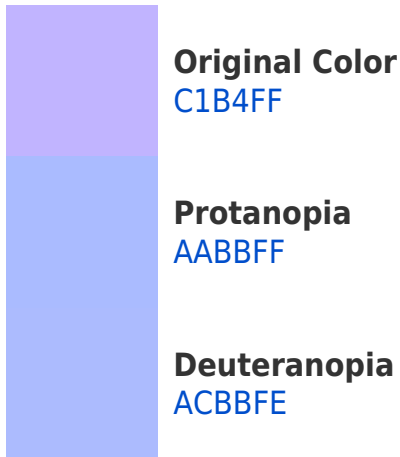


This preview shows how white text looks on a background with the Hex color C1B4FF.

# 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



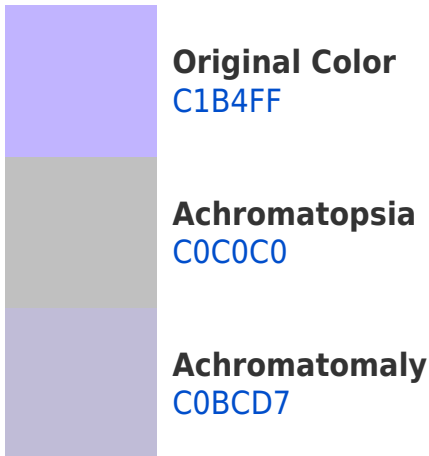


**Tritanopia**  
B7BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1B4FF 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 #C1B4FF looks like.

```
.text, #text, p{  
    color:#C1B4FF  
}
```

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 #C1B4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B4FF
}
```

## Border

The CSS property to change the border of an element to Hex C1B4FF 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
#C1B4FF }
```

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

```
.border{ border-color:#C1B4FF }
```

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

Here you see how a box with a 4 pixel #C1B4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B4FF; -webkit-box-shadow:4px 4px  
4px 4px #C1B4FF; box-shadow:4px 4px 4px  
4px #C1B4FF }
```

# Background

The CSS property to change the background color of an element to Hex C1B4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B4FF }
```

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

```
.background{ background-color:#C1B4FF }
```

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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