

# Converting Colors

Hex(C1A8FB)

Have a look what the booklet for  
Hex(C1A8FB) contains.

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# **Color**

**Hex(C1A8FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1A8FB
RGB	193, 168, 251
RGB Percent	76%, 66%, 98%
CMY	0.2431, 0.3412, 0.0157
CMYK	0.23, 0.33, 0.00, 0.02
HSL	258°, 91%, 82%
HSV	258°, 33%, 98%
XYZ	53.4075, 46.3078, 97.3902
YIQ	184.9370, -11.7430, 31.1130

# Conversions

## Conversions Part 2

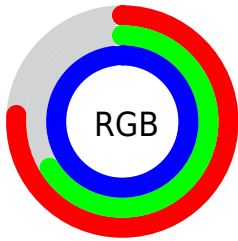
Format	Color
R <sub>Y</sub> B	193, 168, 251
Decimal	12691707
CIE Lab	73.74, 25.76, -37.97
CIE LCh	74, 45.884, 304.161
Yxy	46.3078, 0.2710, 0.2349
Android (android.graphics.Color)	4290881787 (0xFFC1A8FB)
YUV	184.9370, 32.5691, 7.0713
Hunter-Lab	68.0498, 21.0050, -37.2187

# Details

The Hex color **C1A8FB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E2FBA8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FBDFFF**, and **8A74C2** is the 20% darker color. If you saturate the color by 10%, you get **AF8FFB**, and if you desaturate by 10%, it is **D3C1FB**.

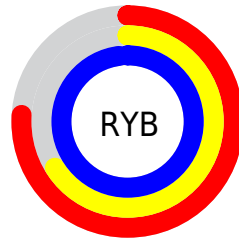
# Distribution



Red (76%)

Green (66%)

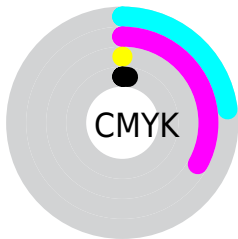
Blue (98%)



Red (76%)

Yellow (66%)

Blue (98%)

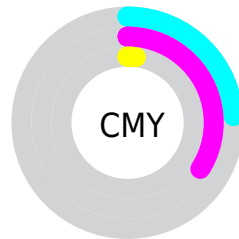


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (34%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1A8FB 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 C1A8FB by changing the saturation by 10% instead.



 C1A8FB

FFFFFF

 FBDEFF

 FFFCFF

 C1A8FB

 A58DDE

 8A74C2

 6F5BA7

 55438C

 3C2D72

 221759

 060041

 00032A

 000115

 C1A8FB

 C1A8FB

 AF8FFB

 D3C1FB

 9E76FB

 E4DAFB

 8C5DFB

 F6F3FB

 7B44FB

 FFFFFB

 692AFB

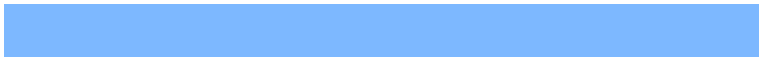
 5811FB

 4C00FB

# Harmonies

## Analogous

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



7DB8FF



C1A8FB



EF99DB

# Triad

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



C1A8FB



EDA66A



00CBBA

# Complementary

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



C1A8FB



E2FBA8

# 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.



68C88F



C1A8FB



CAB55F

# Square

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



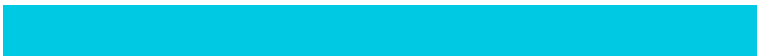
C1A8FB



FF9888



9EC16E



00CAE3

# Rectangle

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



C1A8FB



FF94BF



9EC16E



36CBAB



# Sweetspot

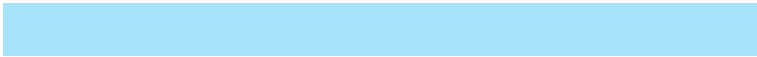
The Sweet Spot groups the original color and five complimentary colors.



C1A8FB



EDE6FF



A8E2FB



757080



000000



808080



# Same Dimension

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



C1A8FB



B899FF



EAA8FB



74707D



3900BD



12003D



# Inverse Universe

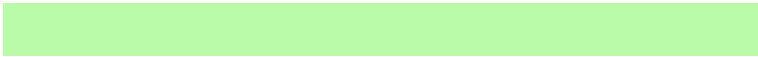
The Inverse Universe completely reimagines the original color for something new.



FBA8E2



FF99E0



B9FBA8



7D7079



BD0084

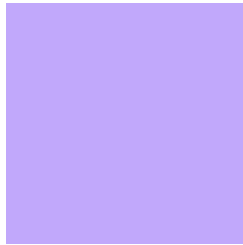


3D002B



# Previews

## White Background



This preview shows how the Hex color C1A8FB looks on a white background.

## Color Contrast Check

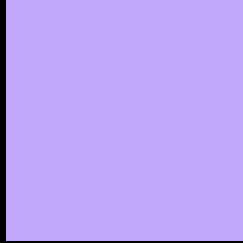
Large Text (above 18pt) WCAG AA × Fail

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 C1A8FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

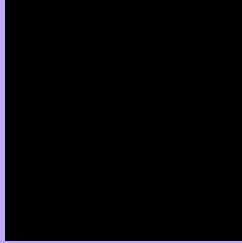
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1A8FB Background



This preview shows how black text looks on a background with the Hex color C1A8FB.



This preview shows how white text looks on a background with the Hex color C1A8FB.

# 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**  
C1A8FB

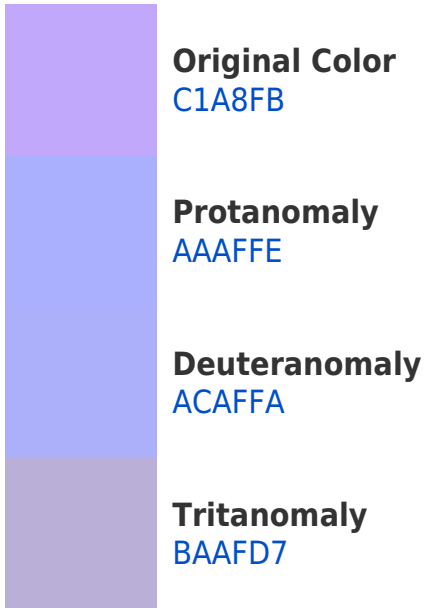
**Protanopia**  
9DB3FF

**Deuteranopia**  
A0B3F9

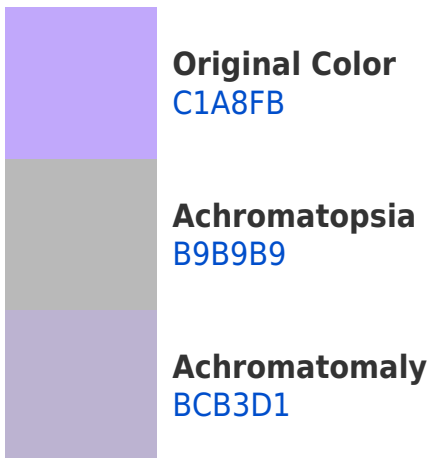


**Tritanopia**  
B6B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1A8FB 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 #C1A8FB looks like.

```
.text, #text, p{  
    color:#C1A8FB  
}
```

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 #C1A8FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1A8FB
}
```

## Border

The CSS property to change the border of an element to Hex C1A8FB 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
#C1A8FB }
```

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

```
.border{ border-color:#C1A8FB }
```

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

Here you see how a box with a 4 pixel #C1A8FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1A8FB; -webkit-box-shadow:4px 4px  
4px 4px #C1A8FB; box-shadow:4px 4px 4px  
4px #C1A8FB }
```

# Background

The CSS property to change the background color of an element to Hex C1A8FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1A8FB }
```

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

```
.background{ background-color:#C1A8FB }
```

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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