

# Converting Colors

Hex(C8A5FC)

Have a look what the booklet for  
Hex(C8A5FC) contains.

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# Color

**Hex(C8A5FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8A5FC
RGB	200, 165, 252
RGB Percent	78%, 65%, 99%
CMY	0.2157, 0.3529, 0.0118
CMYK	0.21, 0.35, 0.00, 0.01
HSL	264°, 94%, 82%
HSV	264°, 35%, 99%
XYZ	54.8452, 46.2179, 98.1257
YIQ	185.3830, -7.0670, 34.4770

# Conversions

## Conversions Part 2

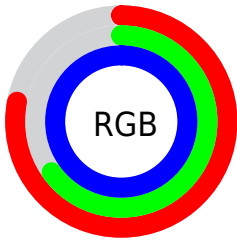
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 165, 252</a>
Decimal	<a href="#">13149692</a>
CIELab	<a href="#">73.69, 29.68, -38.55</a>
CIELCh	<a href="#">74, 48.656, 307.596</a>
Yxy	<a href="#">46.2179, 0.2753, 0.2320</a>
Android (android.graphics.Color)	<a href="#">4291339772 (0xFFC8A5FC)</a>
YUV	<a href="#">185.3830, 32.8422, 12.8191</a>
Hunter-Lab	<a href="#">67.9837, 25.0316, -37.9888</a>

# Details

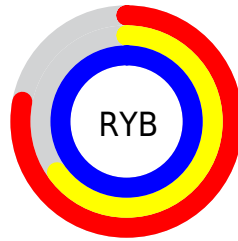
The Hex color **C8A5FC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D9FCA5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFDCFF**, and **9171C3** is the 20% darker color. If you saturate the color by 10%, you get **B98CFC**, and if you desaturate by 10%, it is **D7BEFC**.

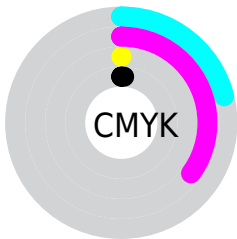
# Distribution



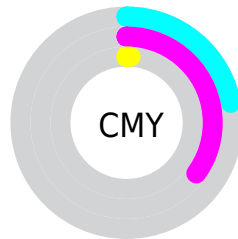
- Red (78%)
- Green (65%)
- Blue (99%)



- Red (78%)
- Yellow (65%)
- Blue (99%)



- Cyan (21%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (35%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8A5FC 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 C8A5FC by changing the saturation by 10% instead.



 C8A5FC


FFFFFF

 FFDCFF

 FFF9FF

 C8A5FC

 AC8ADF

 9171C3

 7658A8

 5C408D

 422973

 29135A

 0F0042

 00012B

 000115

 C8A5FC

 C8A5FC

 B98CFC

 D7BEFC

 AA73FC

 E6D7FC

 9B59FC

 F5F1FC

 8C40FC

FFFFFFC

 7D27FC

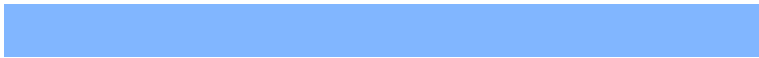
 6E0EFC

 6500FC

# Harmonies

## Analogous

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



81B6FF



C8A5FC



F696D8

# Triad

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



C8A5FC



ECA763



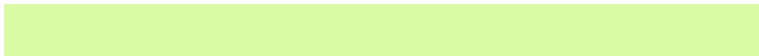
00CCBF

# Complementary

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



C8A5FC



D9FCA5

# 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.



59CA91



C8A5FC



C5B65A

# Square

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



C8A5FC



FF9881



96C26C



00CAEA

# Rectangle

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



C8A5FC



FF91BA



96C26C



00CCB0



# Sweetspot

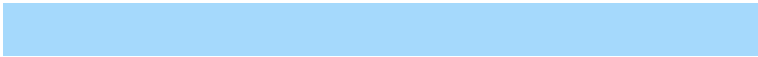
The Sweet Spot groups the original color and five complimentary colors.



C8A5FC



F0E6FF



A5D9FC



767080



000000



808080



# Same Dimension

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



C8A5FC



C196FF



F3A5FC



75707D



4C00BD



19003D



# Inverse Universe

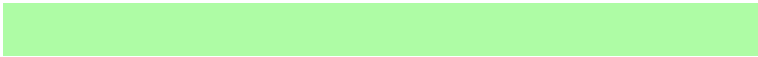
The Inverse Universe completely reimagines the original color for something new.



FCA5D9



FF96D5



AEFCA5



7D7078



BD0071

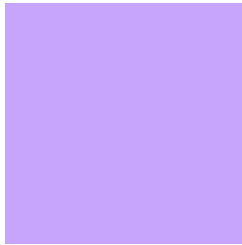


3D0025



# Previews

## White Background



This preview shows how the Hex color C8A5FC looks on a white background.

## Color Contrast Check

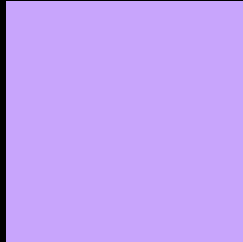
Large Text (above 18pt) WCAG AA × Fail

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 C8A5FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

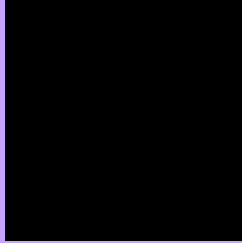
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8A5FC Background



This preview shows how black text looks on a background with the Hex color C8A5FC.

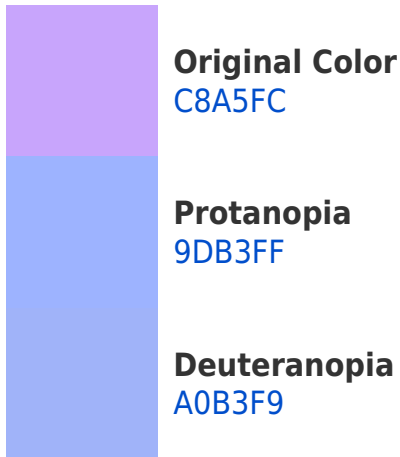


This preview shows how white text looks on a background with the Hex color C8A5FC.

# 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](#).

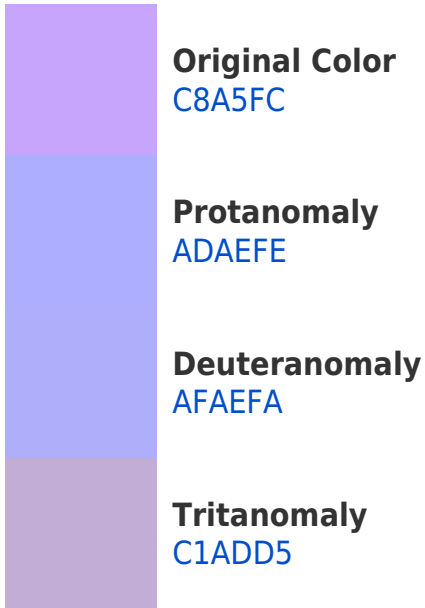
## Dichromacy



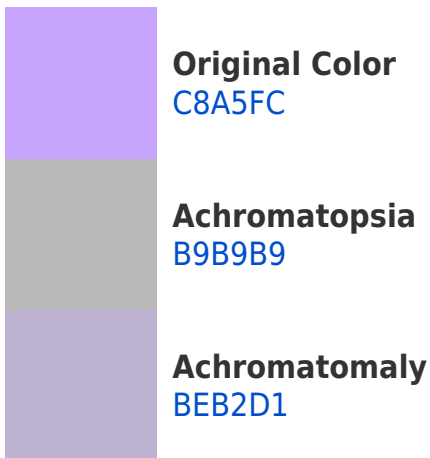


**Tritanopia**  
BDB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8A5FC 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 #C8A5FC looks like.

```
.text, #text, p{  
    color:#C8A5FC  
}
```

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 #C8A5FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8A5FC
}
```

## Border

The CSS property to change the border of an element to Hex C8A5FC 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
#C8A5FC }
```

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

```
.border{ border-color:#C8A5FC }
```

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

Here you see how a box with a 4 pixel #C8A5FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8A5FC; -webkit-box-shadow:4px 4px  
4px 4px #C8A5FC; box-shadow:4px 4px 4px  
4px #C8A5FC }
```

# Background

The CSS property to change the background color of an element to Hex C8A5FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8A5FC }
```

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

```
.background{ background-color:#C8A5FC }
```

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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