

Converting Colors

Hex(CA9BF9)

Have a look what the booklet for
Hex(CA9BF9) contains.

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Color

Hex(CA9BF9)

Conversions

Conversions Part 1

Format	Color
Hex	CA9BF9
RGB	202, 155, 249
RGB Percent	79%, 61%, 98%
CMY	0.2078, 0.3922, 0.0235
CMYK	0.19, 0.38, 0.00, 0.02
HSL	270°, 89%, 79%
HSV	270°, 38%, 98%
XYZ	53.1773, 42.8388, 95.0885
YIQ	179.7690, -2.1620, 39.1980

Conversions

Conversions Part 2

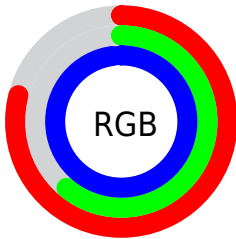
Format	Color
R _{YB}	202, 155, 249
Decimal	13278201
CIE _{Lab}	71.45, 35.08, -40.40
CIE _{LCh}	71, 53.508, 310.969
Yxy	42.8388, 0.2783, 0.2242
Android (android.graphics.Color)	4291468281 (0xFFCA9BF9)
YUV	179.7690, 34.1309, 19.4966
Hunter-Lab	65.4514, 30.4863, -40.3213

Details

The Hex color **CA9BF9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CAF99B**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD2FF**, and **9267C0** is the 20% darker color. If you saturate the color by 10%, you get **BE82F9**, and if you desaturate by 10%, it is **D6B4F9**.

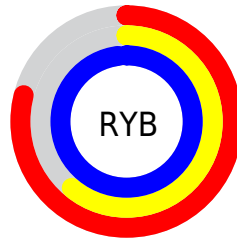
Distribution



Red (79%)

Green (61%)

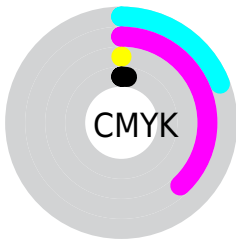
Blue (98%)



Red (79%)

Yellow (61%)

Blue (98%)

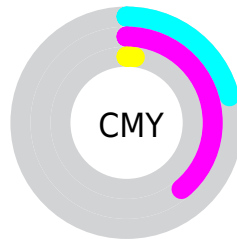


Cyan (19%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9BF9 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 CA9BF9 by changing the saturation by 10% instead.

 CA9BF9

 CA9BF9

FFFFFF

 AE81DC

 FFD2FF

 9267C0

 FFEFFF

 774EA5

 5D368A

 431F70

 2A0757

 140040

 000329

 000112

 CA9BF9

 CA9BF9

 BE82F9

 D6B4F9

 B169F9

 E3CDF9

 A550F9

 EFE6F9

 9837F9

 FCFFF9

 8C1EF9

 FFFFF9

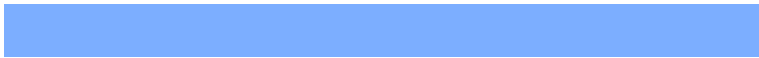
 7F06F9

 7D00F9

Harmonies

Analogous

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



7CAEFF



CA9BF9



F98AD0

Triad

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



CA9BF9



E5A151



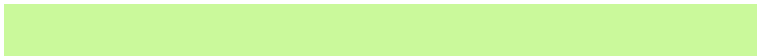
00C8C0

Complementary

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



CA9BF9



CAF99B

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.



36C58D



CA9BF9



BAB24B

Square

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



CA9BF9



FF9071



85BE62



00C5EE

Rectangle

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



CA9BF9



FF85AF



85BE62



00C7AF

Sweetspot

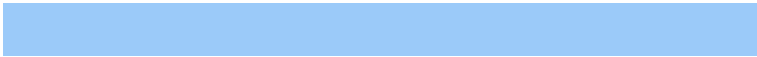
The Sweet Spot groups the original color and five complimentary colors.



CA9BF9



F1E3FF



9BCAF9



776F80



000000



808080

Same Dimension

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



CA9BF9



C68CFF



F99BF9



77707D



5E00BD



1F003D

Inverse Universe

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



F99BCA



FF8CC6



9BF99B



7D7077



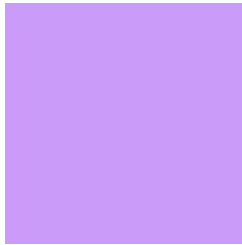
BD005E



3D001F

Previews

White Background



This preview shows how the Hex color CA9BF9 looks on a white background.

Color Contrast Check

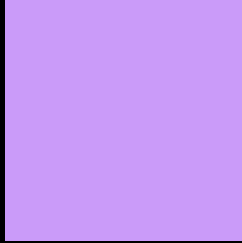
Large Text (above 18pt) WCAG AA × Fail

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 CA9BF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

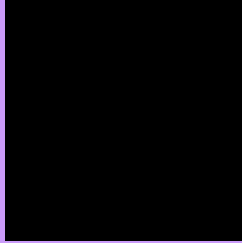
Any Text WCAG AA ✓ Pass

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 CA9BF9 Background



This preview shows how black text looks on a background with the Hex color CA9BF9.



This preview shows how white text looks on a background with the Hex color CA9BF9.

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
BFA9B6

Trichromacy



Original Color
CA9BF9



Protanomaly
A8A6FD



Deuteranomaly
AAA6F6



Tritanomaly
C3A4CE

Monochromacy



Original Color
CA9BF9



Achromatopsia
B4B4B4



Achromatomaly
BCABCD

CSS Examples

Text

The CSS property to change the color of the text to Hex CA9BF9 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 #CA9BF9 looks like.

```
.text, #text, p{  
    color:#CA9BF9  
}
```

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 #CA9BF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9BF9
}
```

Border

The CSS property to change the border of an element to Hex CA9BF9 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
#CA9BF9 }
```

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

```
.border{ border-color:#CA9BF9 }
```

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

Here you see how a box with a 4 pixel #CA9BF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9BF9; -webkit-box-shadow:4px 4px  
4px 4px #CA9BF9; box-shadow:4px 4px 4px  
4px #CA9BF9 }
```

Background

The CSS property to change the background color of an element to Hex CA9BF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9BF9 }
```

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

```
.background{ background-color:#CA9BF9 }
```

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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