

Converting Colors

Hex(CA9AF6)

Have a look what the booklet for
Hex(CA9AF6) contains.

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Color

Hex(CA9AF6)

Conversions

Conversions Part 1

Format	Color
Hex	CA9AF6
RGB	202, 154, 246
RGB Percent	79%, 60%, 96%
CMY	0.2078, 0.3961, 0.0353
CMYK	0.18, 0.37, 0.00, 0.04
HSL	271°, 84%, 78%
HSV	271°, 37%, 96%
XYZ	52.5473, 42.3216, 92.5881
YIQ	178.8400, -0.9240, 38.7880

Conversions

Conversions Part 2

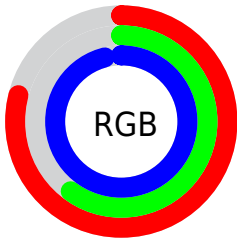
Format	Color
R _Y B	202, 154, 246
Decimal	13277942
CIE Lab	71.09, 34.97, -39.32
CIE LCh	71, 52.622, 311.650
Yxy	42.3216, 0.2803, 0.2258
Android (android.graphics.Color)	4291468022 (0xFFCA9AF6)
YUV	178.8400, 33.1099, 20.3113
Hunter-Lab	65.0550, 30.3345, -38.8446

Details

The Hex color **CA9AF6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C6F69A**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD1FF**, and **9266BD** is the 20% darker color. If you saturate the color by 10%, you get **BE81F6**, and if you desaturate by 10%, it is **D6B3F6**.

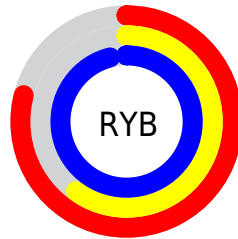
Distribution



Red (79%)

Green (60%)

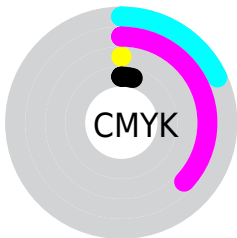
Blue (96%)



Red (79%)

Yellow (60%)

Blue (96%)

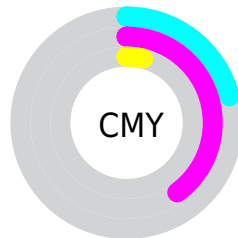


Cyan (18%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (40%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9AF6 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 CA9AF6 by changing the saturation by 10% instead.

CA9AF6

CA9AF6

FFFFFF

AE80D9

FFD1FF

9266BD

FFEDFF

784DA2

5D3587

441E6E

2A0655

15003D

000326

00010F

CA9AF6

CA9AF6

BE81F6

D6B3F6

B269F6

E2CBF6

A750F6

EDE4F6

9B38F6

F9FCF6

8F1FF6

FFFFFF6

8306F6

8000F6

Harmonies

Analogous

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



7EADFF



CA9AF6



F78ACD

Triad

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



CA9AF6



E3A152



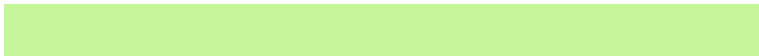
00C6C0

Complementary

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



CA9AF6



C6F69A

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.



36C48E



CA9AF6



B8B14C

Square

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



CA9AF6



FF9071



84BD64



00C4EC

Rectangle

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



CA9AF6



FF85AD



84BD64



00C6AF

Sweetspot

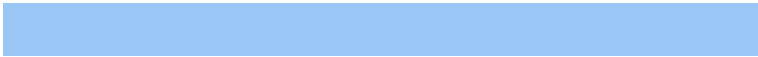
The Sweet Spot groups the original color and five complimentary colors.



CA9AF6



F2E3FF



9AC6F6



786F80



000000



808080

Same Dimension

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



CA9AF6



C88CFF



F69AF4



756E7A



6100BA



1F003B

Inverse Universe

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



F69AC6



FF8CC3



9AF69C



7A6E74



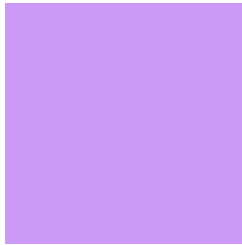
BA0059



3B001C

Previews

White Background



This preview shows how the Hex color CA9AF6 looks on a white background.

Color Contrast Check

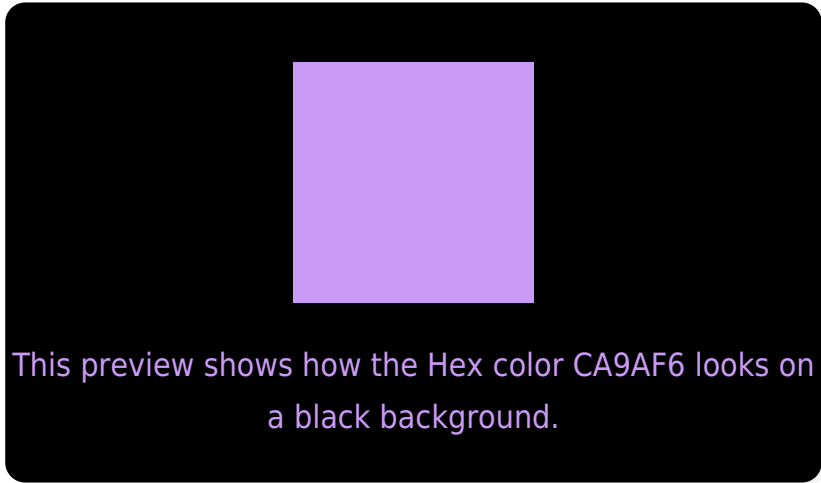
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

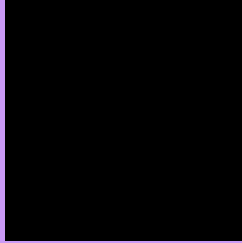
Any Text WCAG AA ✓ Pass

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 CA9AF6 Background



This preview shows how black text looks on a background with the Hex color CA9AF6.

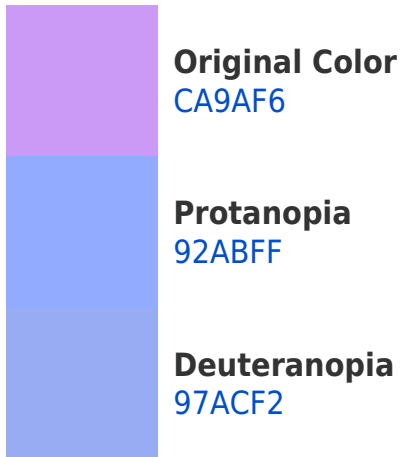


This preview shows how white text looks on a background with the Hex color CA9AF6.

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
BFA8B5

Trichromacy



Original Color
CA9AF6



Protanomaly
A6A5FC



Deuteranomaly
AAA5F3



Tritanomaly
C3A3CD

Monochromacy



Original Color
CA9AF6



Achromatopsia
B3B3B3



Achromatomaly
BBAACB

CSS Examples

Text

The CSS property to change the color of the text to Hex CA9AF6 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 #CA9AF6 looks like.

```
.text, #text, p{  
    color:#CA9AF6  
}
```

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 #CA9AF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9AF6
}
```

Border

The CSS property to change the border of an element to Hex CA9AF6 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
#CA9AF6 }
```

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

```
.border{ border-color:#CA9AF6 }
```

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

Here you see how a box with a 4 pixel #CA9AF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9AF6; -webkit-box-shadow:4px 4px  
4px 4px #CA9AF6; box-shadow:4px 4px 4px  
4px #CA9AF6 }
```

Background

The CSS property to change the background color of an element to Hex CA9AF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9AF6 }
```

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

```
.background{ background-color:#CA9AF6 }
```

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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