

Converting Colors

Hex(C8AAF3)

Have a look what the booklet for
Hex(C8AAF3) contains.

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Color

Hex(C8AAF3)

Conversions

Conversions Part 1

Format	Color
Hex	C8AAF3
RGB	200, 170, 243
RGB Percent	78%, 67%, 95%
CMY	0.2157, 0.3333, 0.0471
CMYK	0.18, 0.30, 0.00, 0.05
HSL	265°, 75%, 81%
HSV	265°, 30%, 95%
XYZ	54.3718, 47.4999, 91.0967
YIQ	187.2920, -5.5530, 29.0630

Conversions

Conversions Part 2

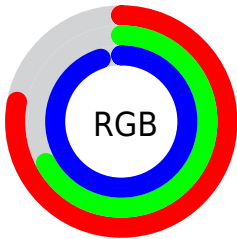
Format	Color
R _Y B	200, 170, 243
Decimal	13150963
CIE Lab	74.51, 24.94, -32.41
CIE LCh	75, 40.894, 307.583
Yxy	47.4999, 0.2818, 0.2462
Android (android.graphics.Color)	4291341043 (0xFFC8AAF3)
YUV	187.2920, 27.4640, 11.1449
Hunter-Lab	68.9202, 20.2102, -30.1237

Details

The Hex color **C8AAF3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **D5F3AA**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE1FF**, and **9176BB** is the 20% darker color. If you saturate the color by 10%, you get **BA92F3**, and if you desaturate by 10%, it is **D6C2F3**.

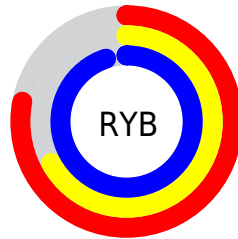
Distribution



Red (78%)

Green (67%)

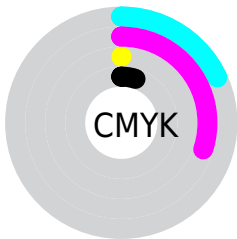
Blue (95%)



Red (78%)

Yellow (67%)

Blue (95%)

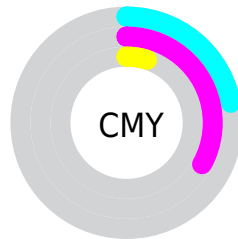


Cyan (18%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8AAF3 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 C8AAF3 by changing the saturation by 10% instead.


 C8AAF3

 C8AAF3

FFFFFF

 AC8FD6

 FFE1FF

 9176BB

FFFEFF

 775D9F

 5D4585

 442E6B

 2C1853

 14013B

 000125

 00010E

 C8AAF3

 C8AAF3

 BA92F3

 D6C2F3

 AB79F3

 E5DBF3

 9D61F3

 F3F3F3

 8F49F3

 FFFFF3

 8031F3

 7218F3

 6400F3

Harmonies

Analogous

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



90B8FF



C8AAF3



EE9ED5

Triad

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



C8AAF3



E8AB72



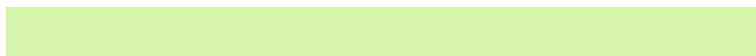
36CBC0

Complementary

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



C8AAF3



D5F3AA

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.



6FC999



C8AAF3



C7B86C

Square

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



C8AAF3



FC9F8B



9EC37A



00C9E4

Rectangle

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



C8AAF3



FC9ABC



9EC37A



4BCBB3

Sweetspot

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



C8AAF3



F1E8FF



AAD6F3



777180



000000



808080

Same Dimension

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



C8AAF3



C9A3FF



ECAAF3



736E7A



4C00BA



18003B

Inverse Universe

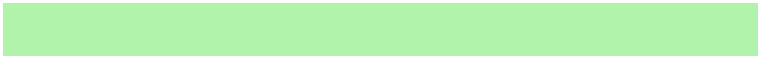
The Inverse Universe completely reimagines the original color for something new.



F3AAD5



FFA3D9



B1F3AA



7A6E75



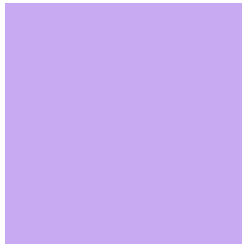
BA006E



3B0023

Previews

White Background



This preview shows how the Hex color C8AAF3 looks on a white background.

Color Contrast Check

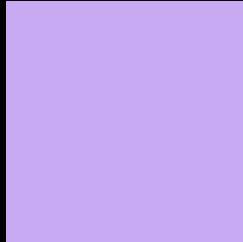
Large Text (above 18pt) WCAG AA × Fail

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 C8AAF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

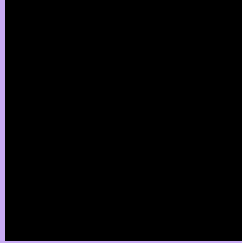
Any Text WCAG AA ✓ Pass

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 C8AAF3 Background



This preview shows how black text looks on a background with the Hex color C8AAF3.

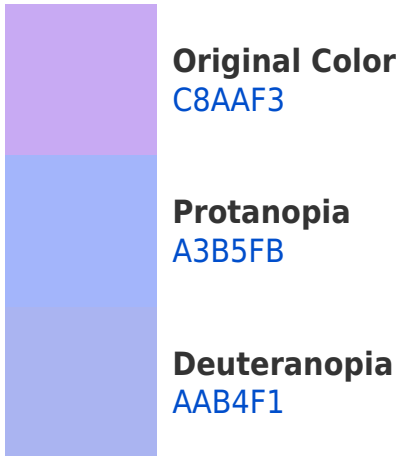


This preview shows how white text looks on a background with the Hex color C8AAF3.

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
C0B4C2

Trichromacy



Original Color
C8AAF3

Protanomaly
B0B1F8

Deuteranomaly
B5B0F2

Tritanomaly
C3B0D4

Monochromacy



Original Color
C8AAF3

Achromatopsia
BBBBBB

Achromatomaly
C0B5CF

CSS Examples

Text

The CSS property to change the color of the text to Hex C8AAF3 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 #C8AAF3 looks like.

```
.text, #text, p{  
    color:#C8AAF3  
}
```

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 #C8AAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8AAF3
}
```

Border

The CSS property to change the border of an element to Hex C8AAF3 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
#C8AAF3 }
```

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

```
.border{ border-color:#C8AAF3 }
```

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

Here you see how a box with a 4 pixel #C8AAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8AAF3; -webkit-box-shadow:4px 4px  
4px 4px #C8AAF3; box-shadow:4px 4px 4px  
4px #C8AAF3 }
```

Background

The CSS property to change the background color of an element to Hex C8AAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8AAF3 }
```

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

```
.background{ background-color:#C8AAF3 }
```

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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