

Converting Colors

Hex(CAC9EF)

Have a look what the booklet for
Hex(CAC9EF) contains.

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Color

Hex(CAC9EF)

Conversions

Conversions Part 1

Format	Color
Hex	CAC9EF
RGB	202, 201, 239
RGB Percent	79%, 79%, 94%
CMY	0.2078, 0.2118, 0.0627
CMYK	0.15, 0.16, 0.00, 0.06
HSL	242°, 54%, 86%
HSV	242°, 16%, 94%
XYZ	60.8238, 60.5618, 90.1452
YIQ	205.6310, -11.6020, 12.0300

Conversions

Conversions Part 2

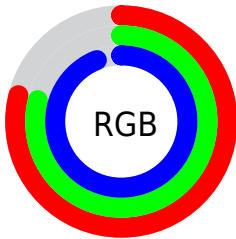
Format	Color
R _Y B	202, 201, 239
Decimal	13289967
CIE Lab	82.14, 7.84, -18.59
CIE LCh	82, 20.174, 292.880
Yxy	60.5618, 0.2875, 0.2863
Android (android.graphics.Color)	4291480047 (0xFFCAC9EF)
YUV	205.6310, 16.4509, -3.1844
Hunter-Lab	77.8215, 3.3245, -14.2040

Details

The Hex color **CAC9EF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEFC9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **9493B7** is the 20% darker color. If you saturate the color by 10%, you get **B3B1EF**, and if you desaturate by 10%, it is **E1E1EF**.

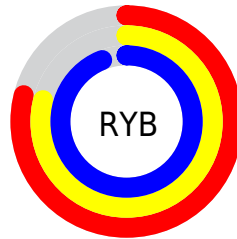
Distribution



Red (79%)

Green (79%)

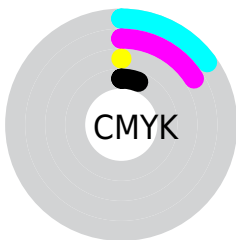
Blue (94%)



Red (79%)

Yellow (79%)

Blue (94%)

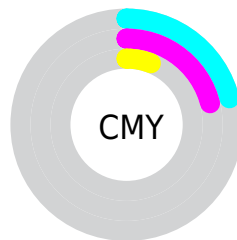


Cyan (15%)

Magenta (16%)

Yellow (0%)

Black (6%)



Cyan (21%)

Magenta (21%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAC9EF 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 CAC9EF by changing the saturation by 10% instead.

■ CAC9EF

FFFFFF

■ CAC9EF

■ AEAED3

■ 9493B7

■ 7A799C

■ 606182

■ 484969

■ 313251

■ 1A1D39

■ 050424

■ 00000C

 CAC9EF

 CAC9EF

 B3B1EF

 E1E1EF

 9B99EF

 F9F9EF

 8481EF

 FFFFEF

 6D69EF

 5652EF

 3E3AEF

 2722EF

 100AEF

 0600EF

Harmonies

Analogous

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



B1CFF1



CAC9EF



E1C3E3

Triad

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



CAC9EF



EEC4AF



A3D7C7

Complementary

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



CAC9EF



EEFC9

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.



B6D4B5



CAC9EF



E0C9A7

Square

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



CAC9EF



F4C0BE



CCD0A9



9AD7DA

Rectangle

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



CAC9EF



ECC0D8



CCD0A9



A9D6C1

Sweetspot

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



CAC9EF



F3F2FF



C9EEEE



787880



000000



808080

Same Dimension

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



CAC9EF



D0CFFF



DDC9EF



6C6C78



0500B8



010038

Inverse Universe

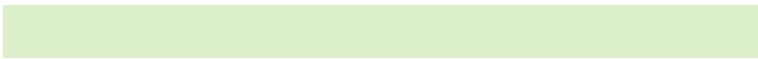
The Inverse Universe completely reimagines the original color for something new.



EFC9EE



FFCFFE



DBEFC9



786C78



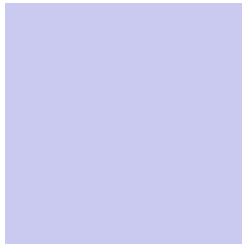
B800B3



380037

Previews

White Background



This preview shows how the Hex color CAC9EF looks on a white background.

Color Contrast Check

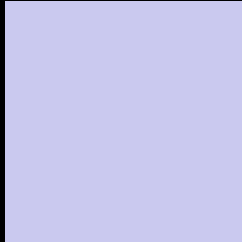
Large Text (above 18pt) WCAG AA × Fail

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 CAC9EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

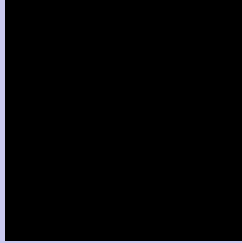
Any Text WCAG AA ✓ Pass

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 CAC9EF Background



This preview shows how black text looks on a background with the Hex color CAC9EF.



This preview shows how white text looks on a background with the Hex color CAC9EF.

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

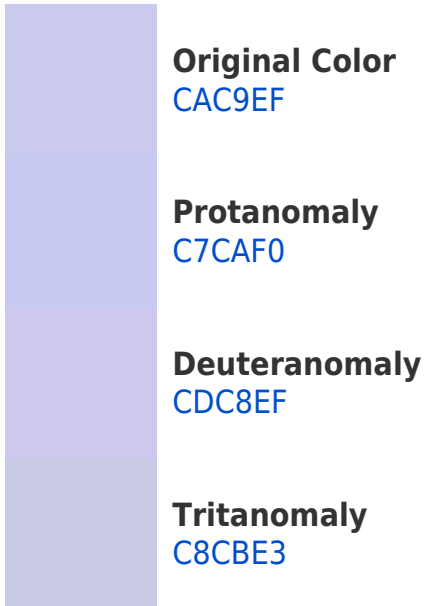


Original Color
CAC9EF

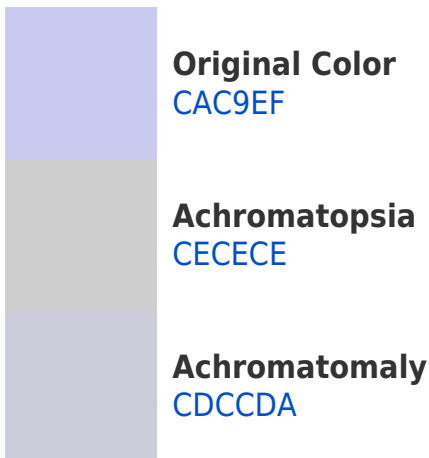
Protanopia
C5CAF0

Deuteranopia
CFC7EF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAC9EF 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 #CAC9EF looks like.

```
.text, #text, p{  
    color:#CAC9EF  
}
```

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 #CAC9EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC9EF
}
```

Border

The CSS property to change the border of an element to Hex CAC9EF 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
#CAC9EF }
```

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

```
.border{ border-color:#CAC9EF }
```

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

Here you see how a box with a 4 pixel #CAC9EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC9EF; -webkit-box-shadow:4px 4px  
4px 4px #CAC9EF; box-shadow:4px 4px 4px  
4px #CAC9EF }
```

Background

The CSS property to change the background color of an element to Hex CAC9EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC9EF }
```

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

```
.background{ background-color:#CAC9EF }
```

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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