

# Converting Colors

Hex(CAC9E2)

Have a look what the booklet for  
Hex(CAC9E2) contains.

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# **Color**

**Hex(CAC9E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAC9E2
RGB	202, 201, 226
RGB Percent	79%, 79%, 89%
CMY	0.2078, 0.2118, 0.1137
CMYK	0.11, 0.11, 0.00, 0.11
HSL	242°, 30%, 84%
HSV	242°, 11%, 89%
XYZ	58.9712, 59.8208, 80.3900
YIQ	204.1490, -7.4290, 7.9870

# Conversions

## Conversions Part 2

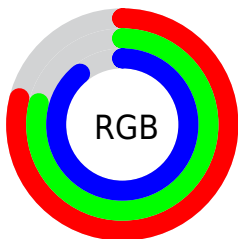
Format	Color
R <sub>Y</sub> B	202, 201, 226
Decimal	13289954
CIE Lab	81.74, 5.16, -12.24
CIE LCh	82, 13.286, 292.836
Yxy	59.8208, 0.2961, 0.3003
Android (android.graphics.Color)	4291480034 (0xFFCAC9E2)
YUV	204.1490, 10.7725, -1.8847
Hunter-Lab	77.3439, 0.7463, -7.4843

# Details

The Hex color `CAC9E2` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `E1E2C9`, and the grayscale version is `CCCCCC`.

A 20% lighter version of the original color is `FFFFFF`, and `9493AB` is the 20% darker color. If you saturate the color by 10%, you get `B4B2E2`, and if you desaturate by 10%, it is `E0E0E2`.

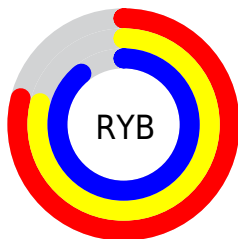
# Distribution



Red (79%)

Green (79%)

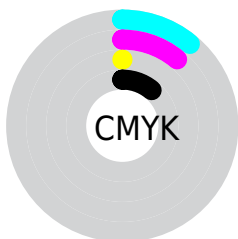
Blue (89%)



Red (79%)

Yellow (79%)

Blue (89%)

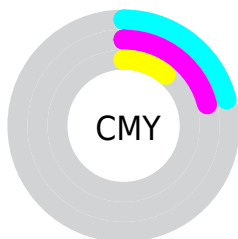


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (21%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC9E2 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 CAC9E2 by changing the saturation by 10% instead.



■ CAC9E2

FFFFFF

■ CAC9E2

■ AFAEC6

■ 9493AB

■ 7A7990

■ 616176

■ 49495E

■ 323246

■ 1D1D30

■ 06041B

■ 000000

 CAC9E2

 CAC9E2

 B4B2E2

 E0E0E2

 9F9CE2

 F5F6E2

 8985E2

 FFFFE2

 736FE2

 5E58E2

 4841E2

 322BE2

 1C14E2

 0900E2

# Harmonies

## Analogous

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



BBCDE4



CAC9E2



D9C5DA

# Triad

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



CAC9E2



E2C5B8



B1D2C8

# Complementary

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



CAC9E2



E1E2C9

# 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.



BDD1BC



CAC9E2



D9C9B3

# Square

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



CAC9E2



E6C3C2



CBCDB4



ACD2D4

# Rectangle

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



CAC9E2



E0C4D3



CBCDB4



B4D2C3



# Sweetspot

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



CAC9E2



F8F7FF



C9E1E2



7B7A80



000000



808080



# Same Dimension

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



CAC9E2



DFDEFF



D6C9E2



656570



0700B0



020030



# Inverse Universe

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



E2C9E1



FFDEFE



D5E2C9



706570



B000A9

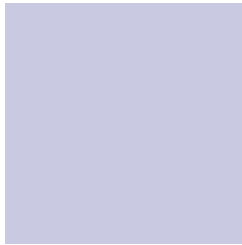


30002F



# Previews

## White Background



This preview shows how the Hex color CAC9E2 looks on a white background.

## Color Contrast Check

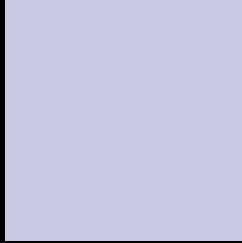
Large Text (above 18pt) WCAG AA × Fail

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 CAC9E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

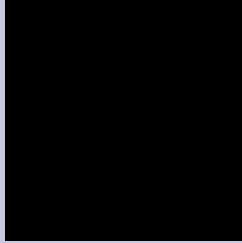
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAC9E2 Background



This preview shows how black text looks on a background with the Hex color CAC9E2.

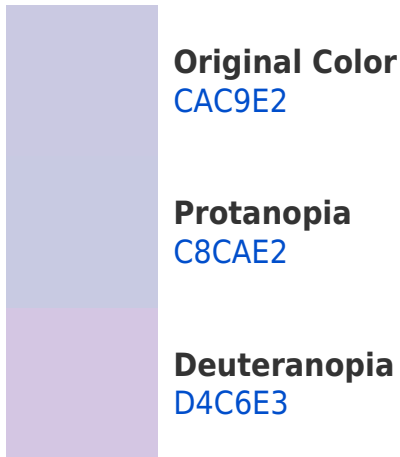


This preview shows how white text looks on a background with the Hex color CAC9E2.

# 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





# Trichromacy



**Original Color**  
CAC9E2

**Protanomaly**  
C9CAE2

**Deuteranomaly**  
D0C7E3

**Tritanomaly**  
C9CADD

# Monochromacy



**Original Color**  
CAC9E2

**Achromatopsia**  
CCCCCC

**Achromatomaly**  
CBCBD4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC9E2 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 #CAC9E2 looks like.

```
.text, #text, p{  
    color:#CAC9E2  
}
```

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 #CAC9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC9E2
}
```

## Border

The CSS property to change the border of an element to Hex CAC9E2 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
#CAC9E2 }
```

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

```
.border{ border-color:#CAC9E2 }
```

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

Here you see how a box with a 4 pixel #CAC9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC9E2; -webkit-box-shadow:4px 4px  
4px 4px #CAC9E2; box-shadow:4px 4px 4px  
4px #CAC9E2 }
```

# Background

The CSS property to change the background color of an element to Hex CAC9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC9E2 }
```

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

```
.background{ background-color:#CAC9E2 }
```

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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