

# Converting Colors

Hex(CAC3DC)

Have a look what the booklet for  
Hex(CAC3DC) contains.

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# **Color**

**Hex(CAC3DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAC3DC
RGB	202, 195, 220
RGB Percent	79%, 76%, 86%
CMY	0.2078, 0.2353, 0.1373
CMYK	0.08, 0.11, 0.00, 0.14
HSL	257°, 26%, 81%
HSV	257°, 11%, 86%
XYZ	56.7905, 56.7541, 75.6716
YIQ	199.9430, -3.8530, 9.2590

# Conversions

## Conversions Part 2

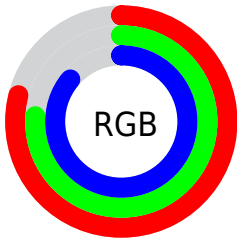
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 195, 220
Decimal	13288412
CIE Lab	80.04, 7.16, -11.57
CIE LCh	80, 13.604, 301.755
Yxy	56.7541, 0.3001, 0.2999
Android (android.graphics.Color)	4291478492 (0xFFCAC3DC)
YUV	199.9430, 9.8881, 1.8040
Hunter-Lab	75.3353, 2.7230, -6.8200

# Details

The Hex color **CAC3DC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D5DCC3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFCFF**, and **948DA5** is the 20% darker color. If you saturate the color by 10%, you get **BAADDC**, and if you desaturate by 10%, it is **DAD9DC**.

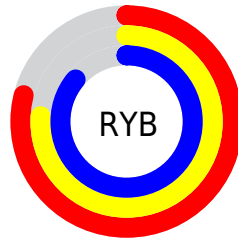
# Distribution



Red (79%)

Green (76%)

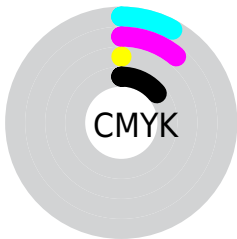
Blue (86%)



Red (79%)

Yellow (76%)

Blue (86%)

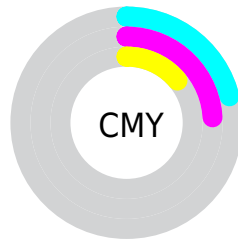


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (14%)



Cyan (21%)

Magenta (24%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC3DC 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 CAC3DC by changing the saturation by 10% instead.



■ CAC3DC

FFFFFF

■ FFFCFF

■ CAC3DC

■ AFA8C0

■ 948DA5

■ 7A748B

■ 615B71

■ 494459

■ 322E41

■ 1D192B

■ 060017

■ 000000

 CAC3DC

 CAC3DC

 BAADDC

 DAD9DC

 AA97DC

 EAEFDC

 9A81DC

 FAFFDC

 8B6BDC

 FFFFDC

 7B55DC

 6B3FDC

 5B29DC

 4B13DC

 3E00DC

# Harmonies

## Analogous

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



BAC7E0



CAC3DC



D8BFD3

# Triad

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



CAC3DC



DCC2B1



A9CEC7

# Complementary

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



CAC3DC



D5DCC3

# 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.



B4CDBA



CAC3DC



D0C6AD

# Square

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



CAC3DC



E1BFBA



C2CAB1



A6CDD3

# Rectangle

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



CAC3DC



DEBECA



C2CAB1



ACCEC2



# Sweetspot

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



CAC3DC



F9F7FF



C3D5DC



7C7A80



000000



808080



# Same Dimension

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



CAC3DC



E5DBFF



D6C3DC



66636E



3100AD



0D002E



# Inverse Universe

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



DCC3D5



FFDBF5



C9DCC3



6E636B



AD007D

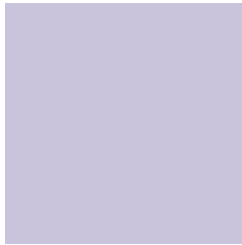


2E0021



# Previews

## White Background



This preview shows how the Hex color CAC3DC looks on a white background.

## Color Contrast Check

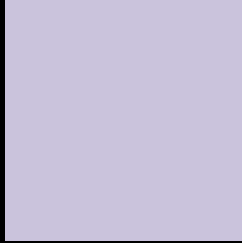
Large Text (above 18pt) WCAG AA × Fail

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 CAC3DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

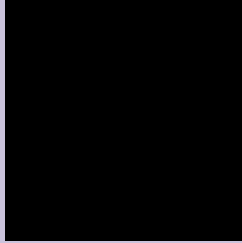
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAC3DC Background



This preview shows how black text looks on a background with the Hex color CAC3DC.



This preview shows how white text looks on a background with the Hex color CAC3DC.

# 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**  
CAC3DC

**Protanopia**  
C3C5DD

**Deuteranopia**  
D0C1DC



**Tritanopia**  
C9C4D4

# Trichromacy



**Original Color**  
CAC3DC

**Protanomaly**  
C6C4DD

**Deuteranomaly**  
CEC2DC

**Tritanomaly**  
C9C4D7

# Monochromacy



**Original Color**  
CAC3DC

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C9C6CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC3DC 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 #CAC3DC looks like.

```
.text, #text, p{  
    color:#CAC3DC  
}
```

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 #CAC3DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC3DC
}
```

## Border

The CSS property to change the border of an element to Hex CAC3DC 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
#CAC3DC }
```

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

```
.border{ border-color:#CAC3DC }
```

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

Here you see how a box with a 4 pixel #CAC3DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC3DC; -webkit-box-shadow:4px 4px  
4px 4px #CAC3DC; box-shadow:4px 4px 4px  
4px #CAC3DC }
```

# Background

The CSS property to change the background color of an element to Hex CAC3DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC3DC }
```

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

```
.background{ background-color:#CAC3DC }
```

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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