

# Converting Colors

Hex(CAC6D6)

Have a look what the booklet for  
Hex(CAC6D6) contains.

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# **Color**

**Hex(CAC6D6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAC6D6
RGB	202, 198, 214
RGB Percent	79%, 78%, 84%
CMY	0.2078, 0.2235, 0.1608
CMYK	0.06, 0.07, 0.00, 0.16
HSL	255°, 16%, 81%
HSV	255°, 7%, 84%
XYZ	56.6888, 57.7998, 71.7870
YIQ	201.0200, -2.7520, 5.8240

# Conversions

## Conversions Part 2

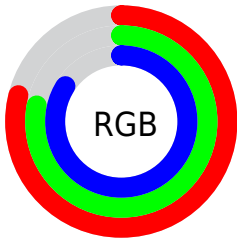
Format	Color
R <sub>Y</sub> B	202, 198, 214
Decimal	13289174
CIE Lab	80.63, 4.38, -7.47
CIE LCh	81, 8.661, 300.385
Yxy	57.7998, 0.3043, 0.3103
Android (android.graphics.Color)	4291479254 (0xFFCAC6D6)
YUV	201.0200, 6.3991, 0.8595
Hunter-Lab	76.0262, 0.0525, -2.7657

# Details

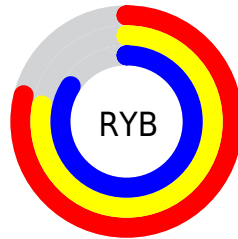
The Hex color **CAC6D6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D2D6C6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFFF**, and **94909F** is the 20% darker color. If you saturate the color by 10%, you get **BAB1D6**, and if you desaturate by 10%, it is **DADBD6**.

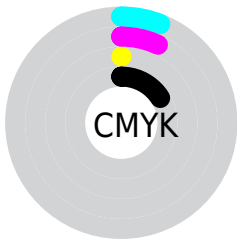
# Distribution



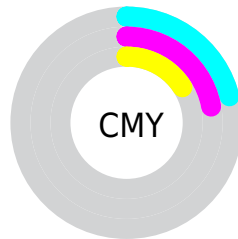
- Red (79%)
- Green (78%)
- Blue (84%)



- Red (79%)
- Yellow (78%)
- Blue (84%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (22%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC6D6 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 CAC6D6 by changing the saturation by 10% instead.



■ CAC6D6

FFFFFF

■ CAC6D6

■ AFABBA

■ 94909F

■ 7A7785

■ 615E6C

■ 494654

■ 33303D

■ 1E1B27

■ 050012

■ 000000

 CAC6D6

 CAC6D6

 BAB1D6

 DADBD6

 AA9BD6

 EAF1D6

 9A86D6

 FAFFD6

 8A70D6

 FFFFD6

 7A5BD6

 6A46D6

 5A30D6

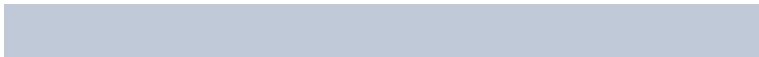
 4A1BD6

 3A05D6

# Harmonies

## Analogous

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



C0C9D8



CAC6D6



D3C4D0

# Triad

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



CAC6D6



D6C5BA



B6CDC8

# Complementary

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



CAC6D6



D2D6C6

# 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.



BDCCC0



CAC6D6



CFC8B8

# Square

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



CAC6D6



DAC3C0



C6CABA



B4CDD0

# Rectangle

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



CAC6D6



D7C3CB



C6CABA



B8CDC5



# Sweetspot

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



CAC6D6



FBFAFF



C6D2D6



7E7D80



000000



808080



# Same Dimension

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



CAC6D6



EEE8FF



D2C6D6



63606B



2B00AB



0B002B



# Inverse Universe

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



D6C6D2



FFE8F9



CAD6C6



6B6068



AB0080

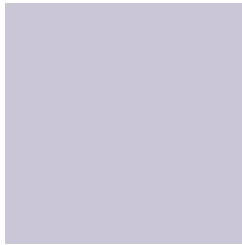


2B0021



# Previews

## White Background



This preview shows how the Hex color CAC6D6 looks on a white background.

## Color Contrast Check

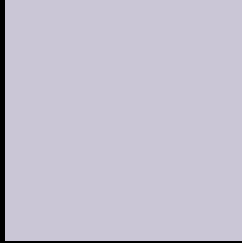
Large Text (above 18pt) WCAG AA × Fail

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 CAC6D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

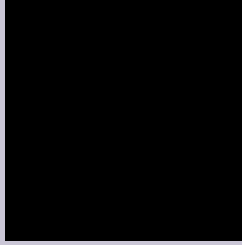
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

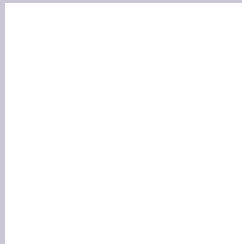
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAC6D6 Background



This preview shows how black text looks on a background with the Hex color CAC6D6.

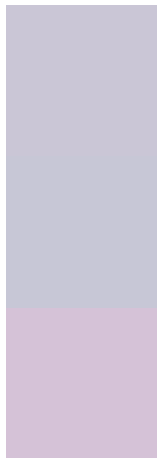


This preview shows how white text looks on a background with the Hex color CAC6D6.

# 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**  
CAC6D6

**Protanopia**  
C7C7D6

**Deuteranopia**  
D5C2D7



**Tritanopia**  
CAC6D6

# Trichromacy



**Original Color**  
CAC6D6

**Protanomaly**  
C8C7D6

**Deuteranomaly**  
D1C3D7

**Tritanomaly**  
CAC6D6

# Monochromacy



**Original Color**  
CAC6D6

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
C9C8CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC6D6 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 #CAC6D6 looks like.

```
.text, #text, p{  
    color:#CAC6D6  
}
```

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 #CAC6D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC6D6  
}
```

## Border

The CSS property to change the border of an element to Hex CAC6D6 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  
#CAC6D6 }
```

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

```
.border{ border-color:#CAC6D6 }
```

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

Here you see how a box with a 4 pixel #CAC6D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC6D6; -webkit-box-shadow:4px 4px  
4px 4px #CAC6D6; box-shadow:4px 4px 4px  
4px #CAC6D6 }
```

# Background

The CSS property to change the background color of an element to Hex CAC6D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC6D6 }
```

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

```
.background{ background-color:#CAC6D6 }
```

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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