

# Converting Colors

Hex(CAC7B8)

Have a look what the booklet for  
Hex(CAC7B8) contains.

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# **Color**

**Hex(CAC7B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAC7B8
RGB	202, 199, 184
RGB Percent	79%, 78%, 72%
CMY	0.2078, 0.2196, 0.2784
CMYK	0.00, 0.01, 0.09, 0.21
HSL	50°, 15%, 76%
HSV	50°, 9%, 79%
XYZ	53.4323, 56.8641, 53.5071
YIQ	198.1870, 6.6030, -4.0290

# Conversions

## Conversions Part 2

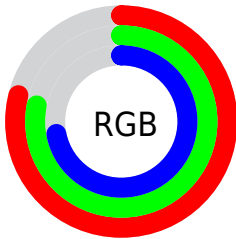
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 202, 184
Decimal	13289400
CIE <sub>Lab</sub>	80.10, -1.58, 7.87
CIE <sub>LCh</sub>	80, 8.025, 101.341
Yxy	56.8641, 0.3262, 0.3471
Android (android.graphics.Color)	4291479480 (0xFFCAC7B8)
YUV	198.1870, -6.9942, 3.3440
Hunter-Lab	75.4083, -5.4842, 10.7157

# Details

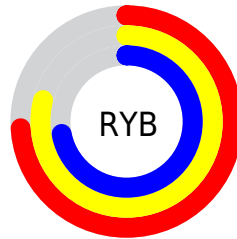
The Hex color **CAC7B8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B8BBCA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFFF0**, and **949183** is the 20% darker color. If you saturate the color by 10%, you get **CAC4A4**, and if you desaturate by 10%, it is **CACACC**.

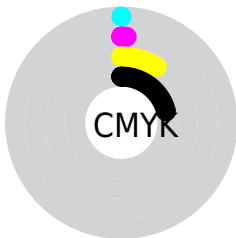
# Distribution



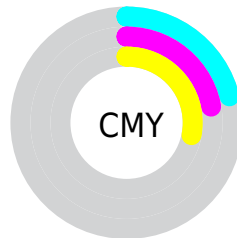
- Red (79%)
- Green (78%)
- Blue (72%)



- Red (74%)
- Yellow (79%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC7B8 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 CAC7B8 by changing the saturation by 10% instead.



 CAC7B8

FFFFFFF

 FFFFF0

 CAC7B8

 AFAC9D

 949183

 7A786A

 615F52

 49473B

 333125

 1E1C10

 000100

 000000

 CAC7B8

 CAC7B8

 CAC4A4

 CACACC

 CAC090

 CACEE0

 CABD7B

 CAD1F5

 CABA67

 CAD4FF

 CAB653

 CAD8FF

 CAB33F

 CADBFF

 CAAF2B

 CADFFF

 CAAC16

 CAE2FF

 CAA902

 CAE5FF

# Harmonies

## Analogous

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



D2C5B9



CAC7B8



C1C9BB

# Triad

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



CAC7B8



B5CAD0



D3C2CC

# Complementary

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



CAC7B8



B8BBCA

# 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.



CCC4D2



CAC7B8



BAC9D5

# Square

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



CAC7B8



B5CBC9



C3C6D5



D7C2C4

# Rectangle

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



CAC7B8



BCCABF



C3C6D5



D1C3CE

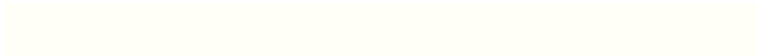


# Sweetspot

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



CAC7B8



FFFEF7



CAB8BB



807F7A



000000



808080

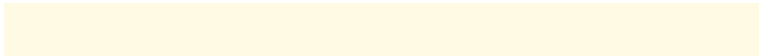


# Same Dimension

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



CAC7B8



FFFAE3



C4CAB8



66645C



A68A00



262000



# Inverse Universe

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



B8BBCA



E3E8FF



BEB8CA



5C5E66



001CA6



000626



# Previews

## White Background



This preview shows how the Hex color CAC7B8 looks on a white background.

## Color Contrast Check

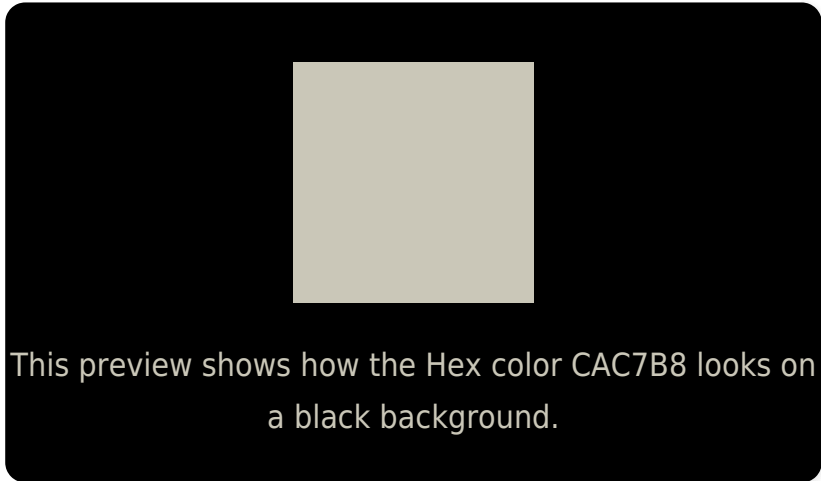
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

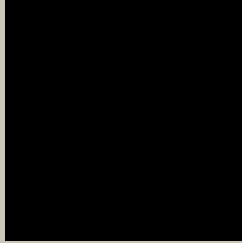
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

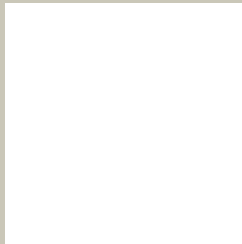
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAC7B8 Background



This preview shows how black text looks on a background with the Hex color CAC7B8.

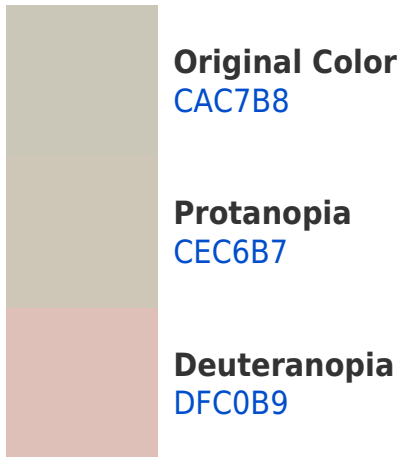


This preview shows how white text looks on a background with the Hex color CAC7B8.

# 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**  
CAC7B8

**Protanomaly**  
CDC6B7

**Deuteranomaly**  
D7C3B9

**Tritanomaly**  
CDC4C9

# Monochromacy



**Original Color**  
CAC7B8

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C7C6C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC7B8 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 #CAC7B8 looks like.

```
.text, #text, p{  
    color:#CAC7B8  
}
```

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 #CAC7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC7B8  
}
```

## Border

The CSS property to change the border of an element to Hex CAC7B8 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  
#CAC7B8 }
```

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

```
.border{ border-color:#CAC7B8 }
```

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

Here you see how a box with a 4 pixel #CAC7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC7B8; -webkit-box-shadow:4px 4px  
4px 4px #CAC7B8; box-shadow:4px 4px 4px  
4px #CAC7B8 }
```

# Background

The CSS property to change the background color of an element to Hex CAC7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC7B8 }
```

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

```
.background{ background-color:#CAC7B8 }
```

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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