

# Converting Colors

Hex(CBCECA)

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

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# **Color**

**Hex(CBCECA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBCECA
RGB	203, 206, 202
RGB Percent	80%, 81%, 79%
CMY	0.2039, 0.1922, 0.2078
CMYK	0.01, 0.00, 0.02, 0.19
HSL	105°, 4%, 80%
HSV	105°, 2%, 81%
XYZ	57.3606, 61.1034, 64.6480
YIQ	204.6470, -0.5040, -1.8800

# Conversions

## Conversions Part 2

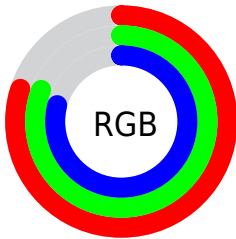
Format	Color
<a href="#">RYB</a>	<a href="#">202, 206, 205</a>
Decimal	<a href="#">13356746</a>
CIELab	<a href="#">82.43, -1.75, 1.62</a>
CIELCh	<a href="#">82, 2.384, 137.297</a>
Yxy	<a href="#">61.1034, 0.3133, 0.3337</a>
Android (android.graphics.Color)	<a href="#">4291546826 (0xFFCBCECA)</a>
YUV	<a href="#">204.6470, -1.3050, -1.4444</a>
Hunter-Lab	<a href="#">78.1687, -5.8109, 5.6833</a>

# Details

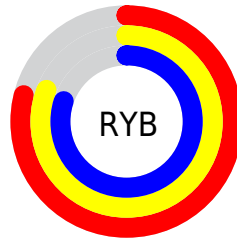
The Hex color **CBCECA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CDCACE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **959894** is the 20% darker color. If you saturate the color by 10%, you get **BCCEB5**, and if you desaturate by 10%, it is **DACEDF**.

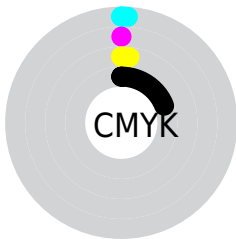
# Distribution



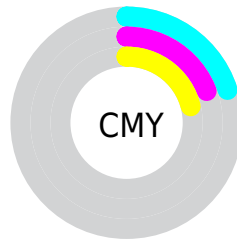
- Red (80%)
- Green (81%)
- Blue (79%)



- Red (79%)
- Yellow (81%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



■ CBCECA

FFFFFF

■ CBCECA

■ B0B3AF

■ 959894

■ 7B7E7A

■ 626561

■ 4B4D4A

■ 343633

■ 1F211E

■ 060A05

■ 000000

 CBCECA

 CBCECA

 BCCEB5

 DACEDF

 ACCEA1

 EACEF3

 9DCE8C

 F9CEFF

 8DCE78

 FFCEFF

 7ECE63

 6ECE4E

 5FCE3A

 4FCE25

 40CE11

# Harmonies

## Analogous

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



CECDC9



CBCECA



C9CECC

# Triad

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



CBCECA



CACED1



D2CCCC

# Complementary

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



CBCECA



CDCACE

# Split Complementary

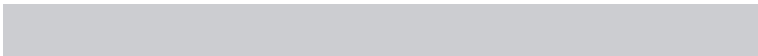
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D1CCCE



CBCECA



CCCDD1

# Square

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



CBCECA



C8CED0



CFCCD0



D2CCCA

# Rectangle

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



CBCECA



C8CFCE



CFCCD0



D2CCCD



# Sweetspot

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



CBCECA



FDFFFC



CECDCA



7F807E



000000



808080



# Same Dimension

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



CBCECA



FBFFFA



CACECB



646664



29A600



0A2600



# Inverse Universe

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



CDCACE



FEFAFF



CECACD



656466



7C00A6

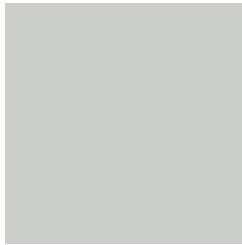


1D0026



# Previews

## White Background



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

## Color Contrast Check

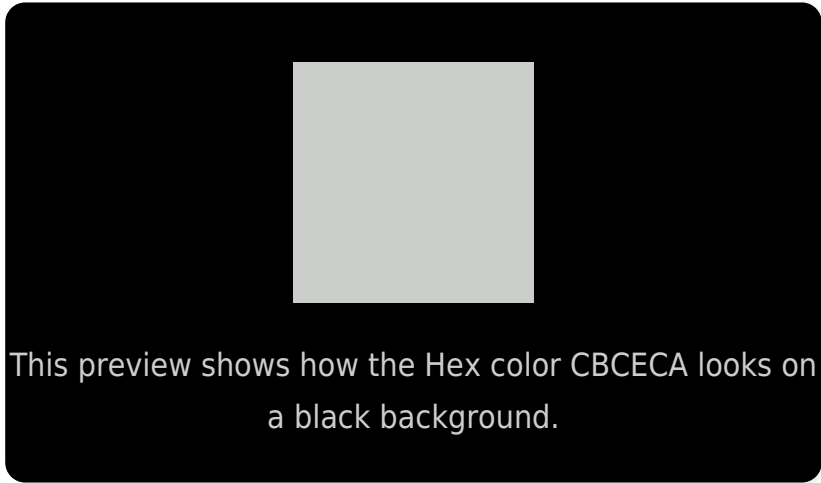
Large Text (above 18pt) WCAG AA × Fail

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

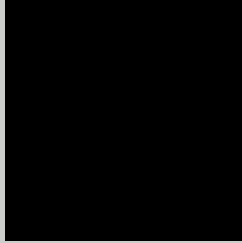
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

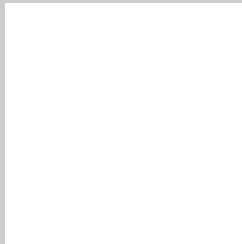
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBCECA Background



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



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

# 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



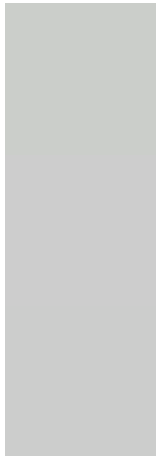
**Original Color**  
CBCECA

**Protanomaly**  
CFCDC9

**Deuteranomaly**  
D9C9CB

**Tritanomaly**  
CDCCD5

# Monochromacy



**Original Color**  
CBCECA

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CCCDCC

# CSS Examples

## Text

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

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

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 #CBCECA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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