

Converting Colors

Hex(CBCAD4)

Have a look what the booklet for
Hex(CBCAD4) contains.

Hex(CBCAD4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CBCAD4)

Conversions

Conversions Part 1

Format	Color
Hex	CBCAD4
RGB	203, 202, 212
RGB Percent	80%, 79%, 83%
CMY	0.2039, 0.2078, 0.1686
CMYK	0.04, 0.05, 0.00, 0.17
HSL	246°, 10%, 81%
HSV	246°, 5%, 83%
XYZ	57.6328, 59.6910, 70.7713
YIQ	203.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

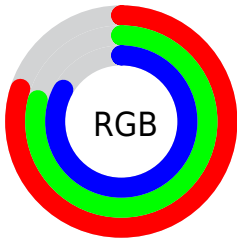
Format	Color
R_{YB}	203, 202, 212
Decimal	13355732
CIE Lab	81.67, 2.21, -4.85
CIE LCh	82, 5.329, 294.503
Yxy	59.6910, 0.3064, 0.3173
Android (android.graphics.Color)	4291545812 (0xFFCBCAD4)
YUV	203.4390, 4.2206, -0.3850
Hunter-Lab	77.2600, -2.0512, -0.2286

Details

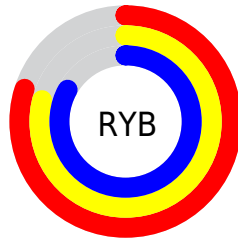
The Hex color **CBCAD4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D3D4CA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFFF**, and **95949D** is the 20% darker color. If you saturate the color by 10%, you get **B8B5D4**, and if you desaturate by 10%, it is **DEDFD4**.

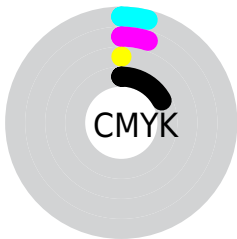
Distribution



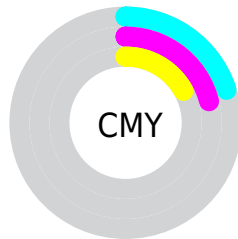
- Red (80%)
- Green (79%)
- Blue (83%)



- Red (80%)
- Yellow (79%)
- Blue (83%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBCAD4 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 CBCAD4 by changing the saturation by 10% instead.

■ CBCAD4

FFFFFF

■ CBCAD4

■ B0AFB8

■ 95949D

■ 7B7A83

■ 62616A

■ 4A4A52

■ 34333B

■ 1F1E25

■ 060511

■ 000000

 CBCAD4

 CBCAD4

 B8B5D4

 DEDFD4

 A5A0D4

 F1F4D4

 928AD4

 FFFFD4

 7F75D4

 6C60D4

 594BD4

 4536D4

 3220D4

 1F0BD4

Harmonies

Analogous

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



C5CCD5



CBCAD4



D1C9D1

Triad

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



CBCAD4



D5C9C3



C1CECA

Complementary

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



CBCAD4



D3D4CA

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.



C5CDC5



CBCAD4



D0CAC1

Square

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



CBCAD4



D6C8C7



CBCCC2



BFCECF

Rectangle

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



CBCAD4



D4C8CE



CBCCC2



C2CEC8

Sweetspot

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



CBCAD4



FDFCFF



CAD3D4



7E7E80



000000



808080

Same Dimension

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



CBCAD4



F1F0FF



D0CAD4



64646B



1100AB



04002B

Inverse Universe

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



D4CAD3



FFF0FD



CED4CA



6B646A



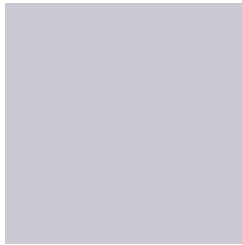
AB009A



2B0027

Previews

White Background



This preview shows how the Hex color CBCAD4 looks on a white background.

Color Contrast Check

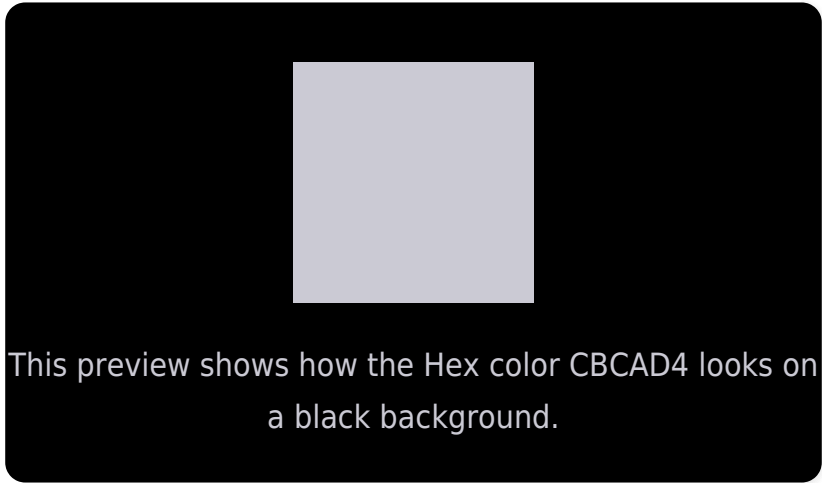
Large Text (above 18pt) WCAG AA × Fail

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

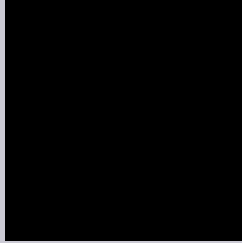
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

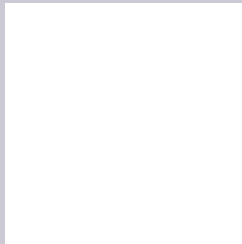
Any Text WCAG AAA ✓ Pass

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

Hex CBCAD4 Background



This preview shows how black text looks on a background with the Hex color CBCAD4.

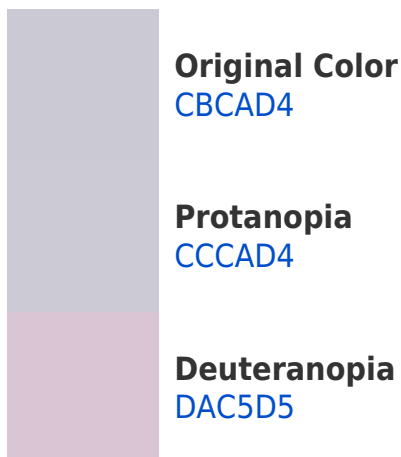


This preview shows how white text looks on a background with the Hex color CBCAD4.

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





Tritanopia
CCC9D9

Trichromacy



Original Color
CBCAD4

Protanomaly
CCCAD4

Deuteranomaly
D5C7D5

Tritanomaly
CCC9D7

Monochromacy



Original Color
CBCAD4

Achromatopsia
CBCBCB

Achromatomaly
CBCBCE

CSS Examples

Text

The CSS property to change the color of the text to Hex CBCAD4 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 #CBCAD4 looks like.

```
.text, #text, p{  
    color:#CBCAD4  
}
```

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 #CBCAD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBCAD4
}
```

Border

The CSS property to change the border of an element to Hex CBCAD4 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
#CBCAD4 }
```

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

```
.border{ border-color:#CBCAD4 }
```

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

Here you see how a box with a 4 pixel #CBCAD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBCAD4; -webkit-box-shadow:4px 4px  
4px 4px #CBCAD4; box-shadow:4px 4px 4px  
4px #CBCAD4 }
```

Background

The CSS property to change the background color of an element to Hex CBCAD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBCAD4 }
```

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

```
.background{ background-color:#CBCAD4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor