

Converting Colors

Hex(CBC7D6)

Have a look what the booklet for
Hex(CBC7D6) contains.

Hex(CBC7D6)	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(CBC7D6)

Conversions

Conversions Part 1

Format	Color
Hex	CBC7D6
RGB	203, 199, 214
RGB Percent	80%, 78%, 84%
CMY	0.2039, 0.2196, 0.1608
CMYK	0.05, 0.07, 0.00, 0.16
HSL	256°, 15%, 81%
HSV	256°, 7%, 84%
XYZ	57.1896, 58.3984, 71.8761
YIQ	201.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

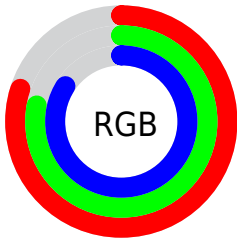
Format	Color
R _Y B	203, 199, 214
Decimal	13354966
CIE Lab	80.96, 4.18, -6.97
CIE LCh	81, 8.130, 300.973
Yxy	58.3984, 0.3051, 0.3115
Android (android.graphics.Color)	4291545046 (0xFFCBC7D6)
YUV	201.9060, 5.9623, 0.9594
Hunter-Lab	76.4188, -0.1488, -2.2723

Details

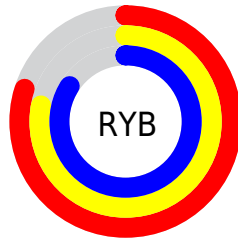
The Hex color **CBC7D6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D2D6C7**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFFF**, and **95919F** is the 20% darker color. If you saturate the color by 10%, you get **BBB2D6**, and if you desaturate by 10%, it is **DBDCD6**.

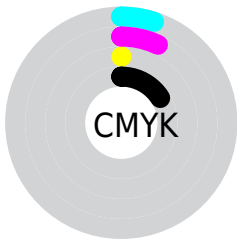
Distribution



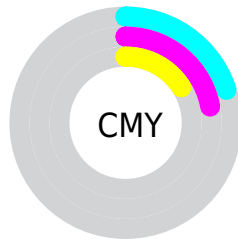
- Red (80%)
- Green (78%)
- Blue (84%)



- Red (80%)
- Yellow (78%)
- Blue (84%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBC7D6 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 CBC7D6 by changing the saturation by 10% instead.

■ CBC7D6

FFFFFF

■ CBC7D6

■ B0ACBA

■ 95919F

■ 7B7885

■ 625F6C

■ 4A4754

■ 34313D

■ 1E1C27

■ 060112

■ 000000

 CBC7D6

 CBC7D6

 BBB2D6

 DBDCD6

 AC9CD6

 EAF2D6

 9C87D6

 FAFFD6

 8C71D6

 FFFFD6

 7D5CD6

 6D47D6

 5D31D6

 4D1CD6

 3E06D6

Harmonies

Analogous

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



C2CAD8



CBC7D6



D3C5D1

Triad

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



CBC7D6



D6C6BC



B8CEC9

Complementary

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



CBC7D6



D2D6C7

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.



BECD1



CBC7D6



CFC9BA

Square

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



CBC7D6



DAC4C1



C7CBBC



B7CDD0

Rectangle

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



CBC7D6



D7C4CC



C7CBBC



BACDC6

Sweetspot

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



CBC7D6



FBFAFF



C7D2D6



7E7D80



000000



808080

Same Dimension

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



CBC7D6



F0EBFF



D2C7D6



63606B



2E00AB



0C002B

Inverse Universe

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



D6C7D2



FFEBFA



CBD6C7



6B6068



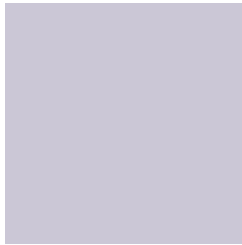
AB007D



2B0020

Previews

White Background



This preview shows how the Hex color CBC7D6 looks on a white background.

Color Contrast Check

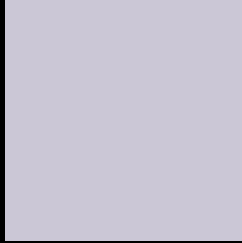
Large Text (above 18pt) WCAG AA × Fail

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 CBC7D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

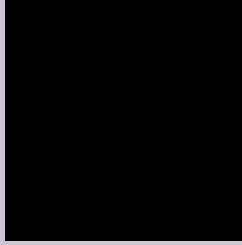
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

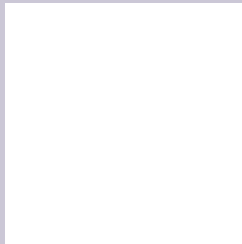
Any Text WCAG AAA ✓ Pass

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

Hex CBC7D6 Background



This preview shows how black text looks on a background with the Hex color CBC7D6.

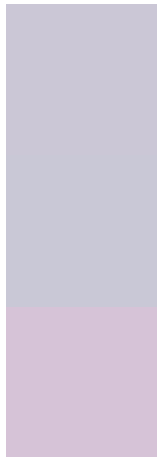


This preview shows how white text looks on a background with the Hex color CBC7D6.

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
CBC7D6

Protanopia
C9C8D6

Deuteranopia
D6C3D7



Tritanopia
CBC7D7

Trichromacy



Original Color
CBC7D6

Protanomaly
CAC8D6

Deuteranomaly
D2C4D7

Tritanomaly
CBC7D7

Monochromacy



Original Color
CBC7D6

Achromatopsia
CACACA

Achromatomaly
CAC9CE

CSS Examples

Text

The CSS property to change the color of the text to Hex CBC7D6 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 #CBC7D6 looks like.

```
.text, #text, p{  
    color:#CBC7D6  
}
```

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 #CBC7D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC7D6  
}
```

Border

The CSS property to change the border of an element to Hex CBC7D6 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  
#CBC7D6 }
```

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

```
.border{ border-color:#CBC7D6 }
```

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

Here you see how a box with a 4 pixel #CBC7D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC7D6; -webkit-box-shadow:4px 4px  
4px 4px #CBC7D6; box-shadow:4px 4px 4px  
4px #CBC7D6 }
```

Background

The CSS property to change the background color of an element to Hex CBC7D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC7D6 }
```

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

```
.background{ background-color:#CBC7D6 }
```

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