

# Converting Colors

Hex(CBC6D9)

Have a look what the booklet for  
Hex(CBC6D9) contains.

<b>Hex(CBC6D9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CBC6D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC6D9
RGB	203, 198, 217
RGB Percent	80%, 78%, 85%
CMY	0.2039, 0.2235, 0.1490
CMYK	0.06, 0.09, 0.00, 0.15
HSL	256°, 20%, 81%
HSV	256°, 9%, 85%
XYZ	57.3471, 58.0944, 73.8365
YIQ	201.6610, -3.1190, 6.9690

# Conversions

## Conversions Part 2

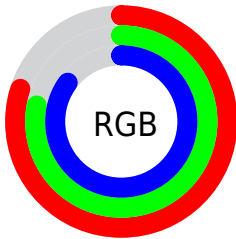
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 198, 217
Decimal	13354713
CIE Lab	80.79, 5.30, -8.83
CIE LCh	81, 10.297, 300.960
Yxy	58.0944, 0.3030, 0.3069
Android (android.graphics.Color)	4291544793 (0xFFCBC6D9)
YUV	201.6610, 7.5621, 1.1743
Hunter-Lab	76.2197, 0.9174, -4.0823

# Details

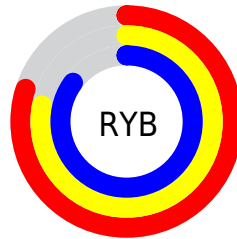
The Hex color **CBC6D9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4D9C6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFFF**, and **9590A2** is the 20% darker color. If you saturate the color by 10%, you get **BBB0D9**, and if you desaturate by 10%, it is **DBDCD9**.

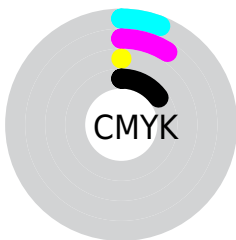
# Distribution



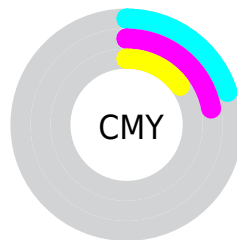
- Red (80%)
- Green (78%)
- Blue (85%)



- Red (80%)
- Yellow (78%)
- Blue (85%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (22%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC6D9 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 CBC6D9 by changing the saturation by 10% instead.



■ CBC6D9

FFFFFF

■ CBC6D9

■ B0ABBD

■ 9590A2

■ 7B7788

■ 625E6F

■ 4A4656

■ 34303F

■ 1E1B29

■ 070015

■ 000000

 CBC6D9

 CBC6D9

 BBB0D9

 DBDCD9

 AB9BD9

 EBF1D9

 9B85D9

 FBFFD9

 8B6FD9

 FFFFD9

 7B5AD9

 6B44D9

 5B2ED9

 4B18D9

 3B03D9

# Harmonies

## Analogous

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



BFC9DC



CBC6D9



D6C3D2

# Triad

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



CBC6D9



D9C5B8



B3CEC8

# Complementary

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



CBC6D9



D4D9C6

# 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.



BBCDBF



CBC6D9



D0C8B5

# Square

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



CBC6D9



DDC3BF



C5CBB8



B1CED2

# Rectangle

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



CBC6D9



DBC2CC



C5CBB8



B5CEC5



# Sweetspot

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



CBC6D9



F9F7FF



C6D4D9



7C7A80



000000



808080



# Same Dimension

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



CBC6D9



EAE3FF



D4C6D9



66636E



2E00AD



0C002E



# Inverse Universe

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



D9C6D4



FFE3F8



CBD9C6



6E636B



AD0080

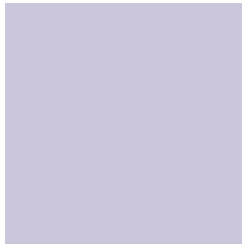


2E0022



# Previews

## White Background



This preview shows how the Hex color CBC6D9 looks on a white background.

## Color Contrast Check

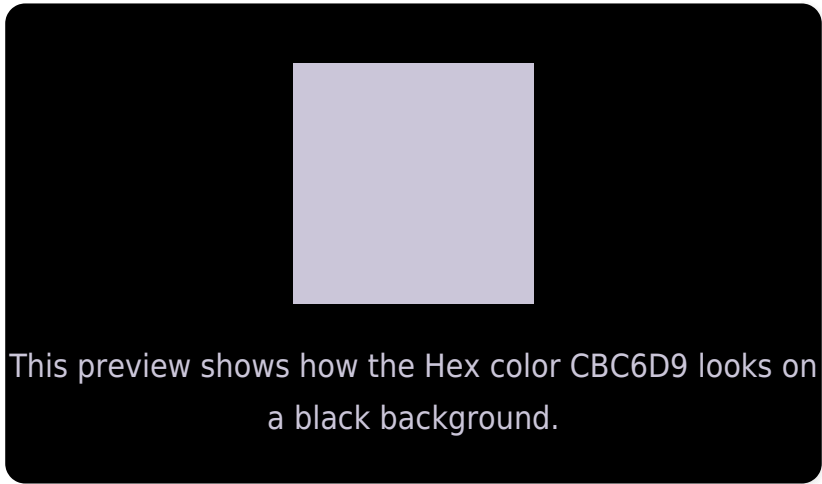
Large Text (above 18pt) WCAG AA × Fail

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

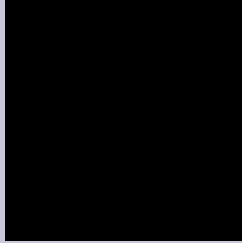
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

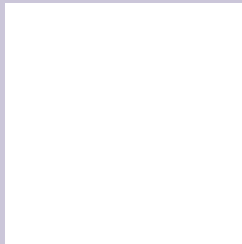
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBC6D9 Background



This preview shows how black text looks on a background with the Hex color CBC6D9.

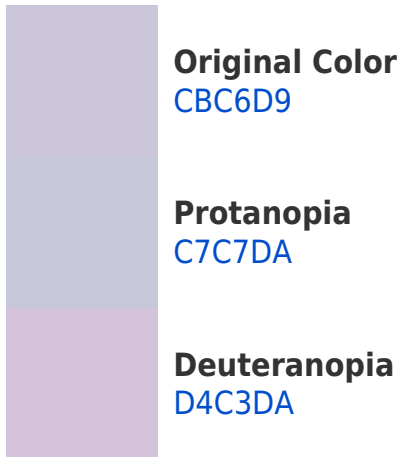


This preview shows how white text looks on a background with the Hex color CBC6D9.

# 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**  
CBC6D6

# Trichromacy



**Original Color**  
CBC6D9

**Protanomaly**  
C8C7DA

**Deuteranomaly**  
D1C4DA

**Tritanomaly**  
CBC6D7

# Monochromacy



**Original Color**  
CBC6D9

**Achromatopsia**  
CACACA

**Achromatomaly**  
CAC9CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC6D9 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 #CBC6D9 looks like.

```
.text, #text, p{  
    color:#CBC6D9  
}
```

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 #CBC6D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC6D9
}
```

## Border

The CSS property to change the border of an element to Hex CBC6D9 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
#CBC6D9 }
```

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

```
.border{ border-color:#CBC6D9 }
```

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

Here you see how a box with a 4 pixel #CBC6D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC6D9; -webkit-box-shadow:4px 4px  
4px 4px #CBC6D9; box-shadow:4px 4px 4px  
4px #CBC6D9 }
```

# Background

The CSS property to change the background color of an element to Hex CBC6D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC6D9 }
```

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

```
.background{ background-color:#CBC6D9 }
```

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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