

# Converting Colors

Hex(C8B9D4)

Have a look what the booklet for  
Hex(C8B9D4) contains.

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# **Color**

**Hex(C8B9D4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8B9D4
RGB	200, 185, 212
RGB Percent	78%, 73%, 83%
CMY	0.2157, 0.2745, 0.1686
CMYK	0.06, 0.13, 0.00, 0.17
HSL	273°, 24%, 78%
HSV	273°, 13%, 83%
XYZ	53.0520, 51.7308, 69.4762
YIQ	192.5630, 0.2730, 11.5770

# Conversions

## Conversions Part 2

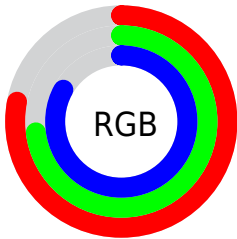
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 185, 212
Decimal	13154772
CIE Lab	77.12, 10.30, -11.63
CIE LCh	77, 15.537, 311.528
Yxy	51.7308, 0.3044, 0.2969
Android (android.graphics.Color)	4291344852 (0xFFC8B9D4)
YUV	192.5630, 9.5824, 6.5222
Hunter-Lab	71.9241, 5.7965, -6.9253

# Details

The Hex color **C8B9D4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C5D4B9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF1FF**, and **92849D** is the 20% darker color. If you saturate the color by 10%, you get **BFA4D4**, and if you desaturate by 10%, it is **D1CED4**.

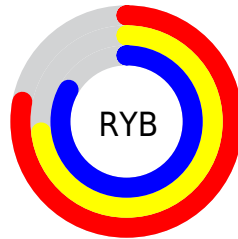
# Distribution



Red (78%)

Green (73%)

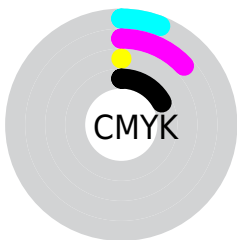
Blue (83%)



Red (78%)

Yellow (73%)

Blue (83%)

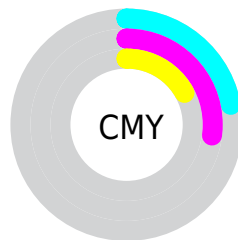


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (17%)



Cyan (22%)

Magenta (27%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8B9D4 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 C8B9D4 by changing the saturation by 10% instead.



 C8B9D4

 C8B9D4

FFFFFF

 AD9EB8

 FFF1FF

 92849D

 786B83

 5F526A

 483B52

 31263B

 1C1125

 00010F

 000000

 C8B9D4

 C8B9D4

 BFA4D4

 D1CED4

 B58FD4

 DBE3D4

 AC79D4

 E4F9D4

 A264D4

 EEFFD4

 994FD4

 F7FFD4

 8F3AD4

 FFFFD4

 8625D4

 7D0FD4

 7600D4

# Harmonies

## Analogous

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



B6BEDA



C8B9D4



D6B6C8

# Triad

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



C8B9D4



D2BAA4



9BC7C4

# Complementary

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



C8B9D4



C5D4B9

# 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.



A4C6B5



C8B9D4



C4BFA2

# Square

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



C8B9D4



DBB6AC



B4C3A9



9AC6D1

# Rectangle

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



C8B9D4



DBB5BE



B4C3A9



9DC7BF



# Sweetspot

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



C8B9D4



FAF5FF



B9C5D4



7D7980



000000



808080



# Same Dimension

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



C8B9D4



EED9FF



D4B9D3



66606B



5F00AB



18002B



# Inverse Universe

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



D4B9C5



FFD9EA



B9D4BA



6B6065



AB004C

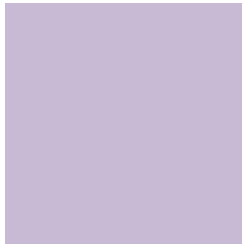


2B0013



# Previews

## White Background



This preview shows how the Hex color C8B9D4 looks on a white background.

## Color Contrast Check

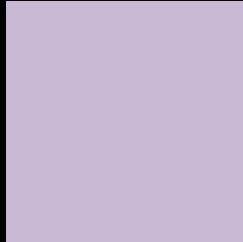
Large Text (above 18pt) WCAG AA × Fail

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 C8B9D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

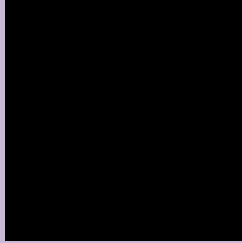
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8B9D4 Background



This preview shows how black text looks on a background with the Hex color C8B9D4.

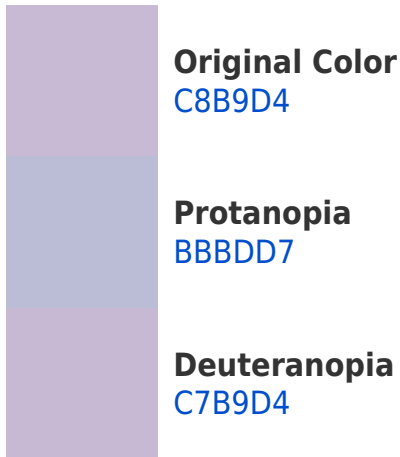


This preview shows how white text looks on a background with the Hex color C8B9D4.

# 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**  
C6BBC9

# Trichromacy



**Original Color**  
C8B9D4

**Protanomaly**  
C0BCD6

**Deuteranomaly**  
C7B9D4

**Tritanomaly**  
C7BACD

# Monochromacy



**Original Color**  
C8B9D4

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
C4BEC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8B9D4 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 #C8B9D4 looks like.

```
.text, #text, p{  
    color:#C8B9D4  
}
```

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 #C8B9D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8B9D4
}
```

## Border

The CSS property to change the border of an element to Hex C8B9D4 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
#C8B9D4 }
```

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

```
.border{ border-color:#C8B9D4 }
```

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

Here you see how a box with a 4 pixel #C8B9D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8B9D4; -webkit-box-shadow:4px 4px  
4px 4px #C8B9D4; box-shadow:4px 4px 4px  
4px #C8B9D4 }
```

# Background

The CSS property to change the background color of an element to Hex C8B9D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8B9D4 }
```

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

```
.background{ background-color:#C8B9D4 }
```

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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