

# Converting Colors

Hex(C8B9D3)

Have a look what the booklet for  
Hex(C8B9D3) contains.

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# **Color**

**Hex(C8B9D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8B9D3
RGB	200, 185, 211
RGB Percent	78%, 73%, 83%
CMY	0.2157, 0.2745, 0.1725
CMYK	0.05, 0.12, 0.00, 0.17
HSL	275°, 23%, 78%
HSV	275°, 12%, 83%
XYZ	52.9263, 51.6804, 68.8138
YIQ	192.4490, 0.5940, 11.2660

# Conversions

## Conversions Part 2

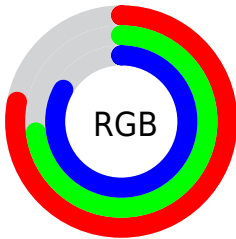
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 185, 211
Decimal	13154771
CIE <sub>Lab</sub>	77.09, 10.11, -11.13
CIE <sub>LCh</sub>	77, 15.036, 312.226
Yxy	51.6804, 0.3052, 0.2980
Android (android.graphics.Color)	4291344851 (0xFFC8B9D3)
YUV	192.4490, 9.1456, 6.6222
Hunter-Lab	71.8891, 5.6095, -6.4313

# Details

The Hex color **C8B9D3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C4D3B9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF1FF**, and **92849C** is the 20% darker color. If you saturate the color by 10%, you get **BFA4D3**, and if you desaturate by 10%, it is **D1CED3**.

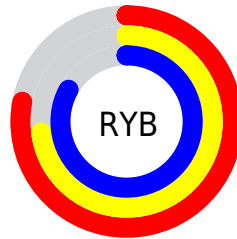
# Distribution



Red (78%)

Green (73%)

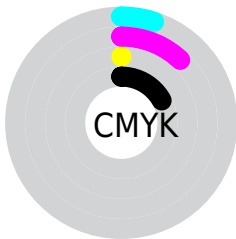
Blue (83%)



Red (78%)

Yellow (73%)

Blue (83%)

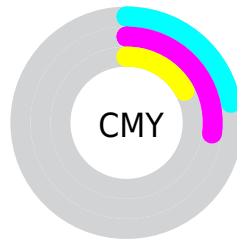


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (17%)



Cyan (22%)

Magenta (27%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8B9D3 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 C8B9D3 by changing the saturation by 10% instead.



 C8B9D3

FFFFFF

 FFF1FF

 C8B9D3


 AD9EB7

 92849C

 786B82

 5F5269

 483B51

 31263A

 1C1124

 00010E

 000000

 C8B9D3

 C8B9D3

 BFA4D3

 D1CED3

 B68FD3

 DAE3D3

 AD7AD3

 E3F8D3

 A465D3

 ECFFD3

 9B50D3

 F5FFD3

 923AD3

 FEFFD3

 8A25D3

 FFFFD3

 8110D3

 7A00D3

# Harmonies

## Analogous

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



B7BED9



C8B9D3



D5B6C7

# Triad

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



C8B9D3



D1BBA4



9CC7C4

# Complementary

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



C8B9D3



C4D3B9

# 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.



A5C6B5



C8B9D3



C4BFA3

# Square

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



C8B9D3



DAB7AC



B4C3A9



9CC5D0

# Rectangle

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



C8B9D3



DBB5BE



B4C3A9



9EC7BF



# Sweetspot

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



C8B9D3



FBF5FF



B9C4D3



7D7980



000000



808080



# Same Dimension

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



C8B9D3



EFD9FF



D3B9D1



645E69



6100A8



180029



# Inverse Universe

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



D3B9C4



FFD9E9



B9D3BB



695E63



A80047

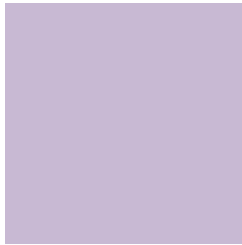


290011



# Previews

## White Background



This preview shows how the Hex color C8B9D3 looks on a white background.

## Color Contrast Check

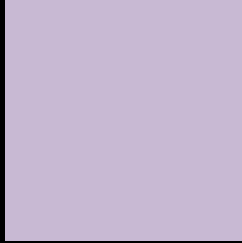
Large Text (above 18pt) WCAG AA × Fail

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 C8B9D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

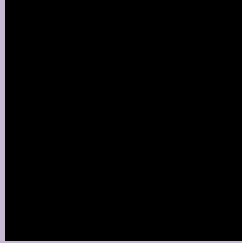
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8B9D3 Background



This preview shows how black text looks on a background with the Hex color C8B9D3.



This preview shows how white text looks on a background with the Hex color C8B9D3.

# 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**  
C8B9D3

**Protanopia**  
BBBDD6

**Deuteranopia**  
C7B9D3



**Tritanopia**  
C6BBC9

# Trichromacy



**Original Color**  
C8B9D3

**Protanomaly**  
C0BCD5

**Deuteranomaly**  
C7B9D3

**Tritanomaly**  
C7BACD

# Monochromacy



**Original Color**  
C8B9D3

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
C3BDC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8B9D3 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 #C8B9D3 looks like.

```
.text, #text, p{  
    color:#C8B9D3  
}
```

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 #C8B9D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8B9D3
}
```

## Border

The CSS property to change the border of an element to Hex C8B9D3 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
#C8B9D3 }
```

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

```
.border{ border-color:#C8B9D3 }
```

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

Here you see how a box with a 4 pixel #C8B9D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8B9D3; -webkit-box-shadow:4px 4px  
4px 4px #C8B9D3; box-shadow:4px 4px 4px  
4px #C8B9D3 }
```

# Background

The CSS property to change the background color of an element to Hex C8B9D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8B9D3 }
```

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

```
.background{ background-color:#C8B9D3 }
```

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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