

# Converting Colors

Hex(C1B8D2)

Have a look what the booklet for  
Hex(C1B8D2) contains.

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# **Color**

**Hex(C1B8D2)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | C1B8D2                    |
| RGB         | 193, 184, 210             |
| RGB Percent | 76%, 72%, 82%             |
| CMY         | 0.2431, 0.2784, 0.1765    |
| CMYK        | 0.08, 0.12, 0.00, 0.18    |
| HSL         | 261°, 22%, 77%            |
| HSV         | 261°, 12%, 82%            |
| XYZ         | 50.7657, 50.2716, 68.0005 |
| YIQ         | 189.6550, -2.9820, 9.9940 |

# Conversions

## Conversions Part 2

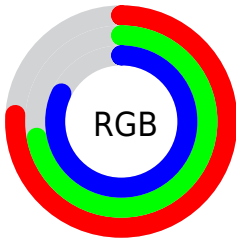
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 193, 184, 210                |
| Decimal                             | 12695762                     |
| CIE Lab                             | 76.24, 8.11, -11.93          |
| CIE LCh                             | 76, 14.423, 304.212          |
| Yxy                                 | 50.2716, 0.3003,<br>0.2974   |
| Android<br>(android.graphics.Color) | 4290885842<br>(0xFFC1B8D2)   |
| YUV                                 | 189.6550, 10.0301,<br>2.9336 |
| Hunter-Lab                          | 70.9025, 3.7255,<br>-7.2316  |

# Details

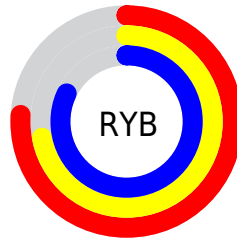
The Hex color **C1B8D2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C9D2B8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FAF0FF**, and **8B839C** is the 20% darker color. If you saturate the color by 10%, you get **B3A3D2**, and if you desaturate by 10%, it is **CFCDD2**.

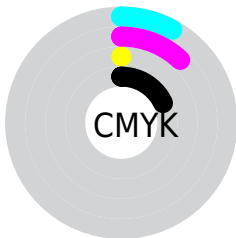
# Distribution



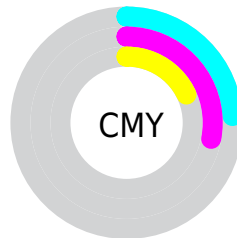
- Red (76%)
- Green (72%)
- Blue (82%)



- Red (76%)
- Yellow (72%)
- Blue (82%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (28%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1B8D2 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 C1B8D2 by changing the saturation by 10% instead.



 C1B8D2

 C1B8D2

FFFFFF

 A69DB6

 FAF0FF

 8B839C

 726A81

 595268

 423B50

 2B2539

 171024

 00010D

 000000

 C1B8D2

 C1B8D2

 B3A3D2

 CFCDD2

 A68ED2

 DCE2D2

 9879D2

 EAF7D2

 8A64D2

 F8FFD2

 7C4FD2

 FFFFD2

 6F3AD2

 6125D2

 5310D2

 4900D2

# Harmonies

## Analogous

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



B0BCD6



C1B8D2



CFB4C8

# Triad

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



C1B8D2



D1B7A4



9DC4BD

# Complementary

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



C1B8D2



C9D2B8

# 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.



A7C3B0



C1B8D2



C5BCA2

# Square

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



C1B8D2



D8B4AE



B6C0A6



9AC3CA

# Rectangle

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



C1B8D2



D6B3BF



B6C0A6



9FC4B9



# Sweetspot

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



C1B8D2



F8F5FF



B8C9D2



7B7980



000000



808080



# Same Dimension

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



C1B8D2



E6D9FF



CEB8D2



625E69



3A00A8



0E0029



# Inverse Universe

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



D2B8C9



FFD9F2



BCD2B8



695E65



A8006E

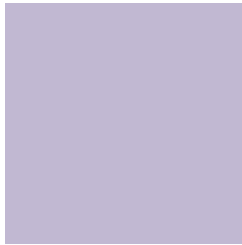


29001B



# Previews

## White Background



This preview shows how the Hex color C1B8D2 looks on a white background.

## Color Contrast Check

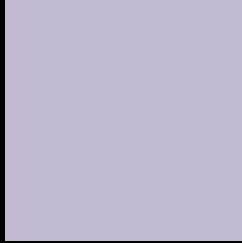
Large Text (above 18pt) WCAG AA × Fail

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 C1B8D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

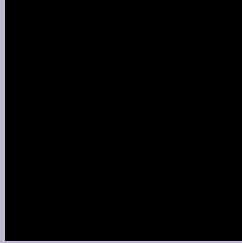
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1B8D2 Background



This preview shows how black text looks on a background with the Hex color C1B8D2.



This preview shows how white text looks on a background with the Hex color C1B8D2.

# 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**  
C1B8D2

**Protanopia**  
B8BBD4

**Deuteranopia**  
C4B7D2



# Trichromacy



**Original Color**  
C1B8D2

**Protanomaly**  
BBBAD3

**Deuteranomaly**  
C3B7D2

**Tritanomaly**  
C0B9CC

# Monochromacy



**Original Color**  
C1B8D2

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
BFBC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1B8D2 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 #C1B8D2 looks like.

```
.text, #text, p{  
    color:#C1B8D2  
}
```

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 #C1B8D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B8D2
}
```

## Border

The CSS property to change the border of an element to Hex C1B8D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

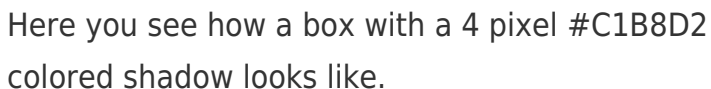
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1B8D2 }
```

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

```
.border{ border-color:#C1B8D2 }
```

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



Here you see how a box with a 4 pixel `#C1B8D2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B8D2; -webkit-box-shadow:4px 4px  
4px 4px #C1B8D2; box-shadow:4px 4px 4px  
4px #C1B8D2 }
```

# Background

The CSS property to change the background color of an element to Hex C1B8D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B8D2 }
```

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

```
.background{ background-color:#C1B8D2 }
```

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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