

# Converting Colors

Hex(C4B2E1)

Have a look what the booklet for  
Hex(C4B2E1) contains.

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# **Color**

**Hex(C4B2E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4B2E1
RGB	196, 178, 225
RGB Percent	77%, 70%, 88%
CMY	0.2314, 0.3020, 0.1176
CMYK	0.13, 0.21, 0.00, 0.12
HSL	263°, 44%, 79%
HSV	263°, 21%, 88%
XYZ	52.2760, 49.0128, 77.9393
YIQ	188.7400, -4.3590, 18.4330

# Conversions

## Conversions Part 2

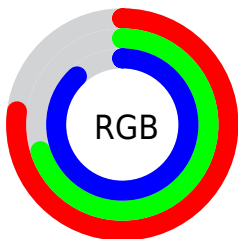
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 178, 225
Decimal	12890849
CIE <sub>Lab</sub>	75.46, 15.44, -21.22
CIE <sub>LCh</sub>	75, 26.242, 306.041
Yxy	49.0128, 0.2917, 0.2735
Android (android.graphics.Color)	4291080929 (0xFFC4B2E1)
YUV	188.7400, 17.8762, 6.3670
Hunter-Lab	70.0091, 10.7703, -16.9996

# Details

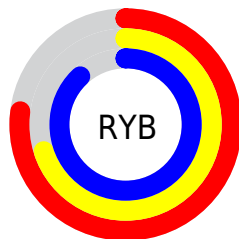
The Hex color **C4B2E1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CFE1B2**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FDEAFF**, and **8E7DAA** is the 20% darker color. If you saturate the color by 10%, you get **B69BE1**, and if you desaturate by 10%, it is **D2C9E1**.

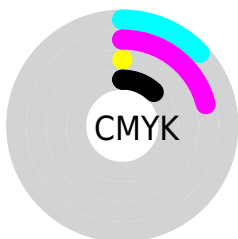
# Distribution



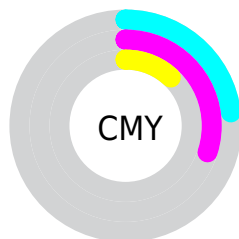
- Red (77%)
- Green (70%)
- Blue (88%)



- Red (77%)
- Yellow (70%)
- Blue (88%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (30%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4B2E1 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 C4B2E1 by changing the saturation by 10% instead.



 C4B2E1

 C4B2E1

FFFFFF

 A997C5

 FDEAFF

 8E7DAA

 74648F

 5B4C75

 43355D

 2C2045


 170A2E

 000119

 000000

 C4B2E1

 C4B2E1

 B69BE1

 D2C9E1

 A885E1

 E0DFE1

 9A6FE1


 EE6E1

 8C58E1

 FCFFE1

 7F42E1

 FFFFE1

 712BE1

 6315E1

 5600E1

# Harmonies

## Analogous

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



A3BAEA



C4B2E1



DDABCE

# Triad

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



C4B2E1



DDB28E



7AC8BE

# Complementary

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



C4B2E1



CFE1B2

# 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.



91C6A5



C4B2E1



C7BA8A

# Square

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



C4B2E1



E9AB9F



ACC192



74C6D5

# Rectangle

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



C4B2E1



E7A9BE



ACC192



81C7B6



# Sweetspot

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



C4B2E1



F6F0FF



B2D0E1



7A7780



000000



808080



# Same Dimension

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



C4B2E1



D8BFFF



DBB2E1



696570



4300B0



130030



# Inverse Universe

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



E1B2CF



FFBFE7



B8E1B2



70656C



B0006D

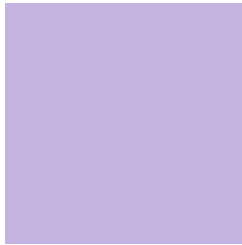


30001E



# Previews

## White Background



This preview shows how the Hex color C4B2E1 looks on a white background.

## Color Contrast Check

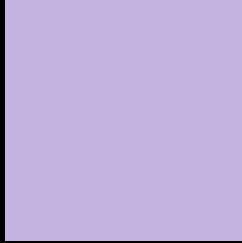
Large Text (above 18pt) WCAG AA × Fail

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 C4B2E1 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 C4B2E1 Background



This preview shows how black text looks on a background with the Hex color C4B2E1.

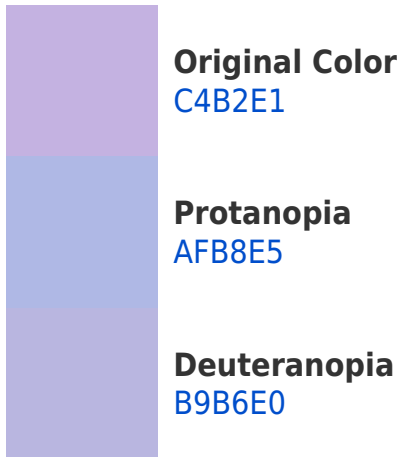


This preview shows how white text looks on a background with the Hex color C4B2E1.

# 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](#).

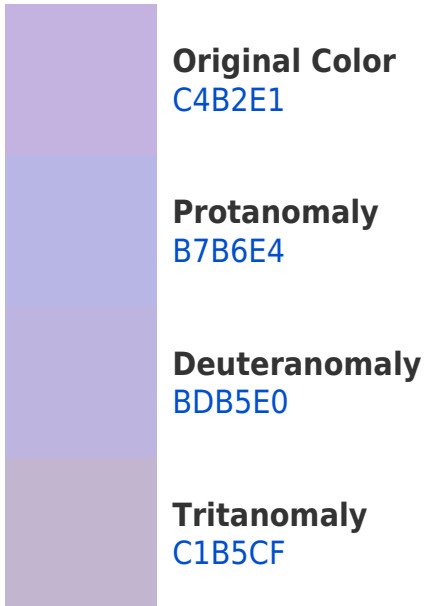
## Dichromacy



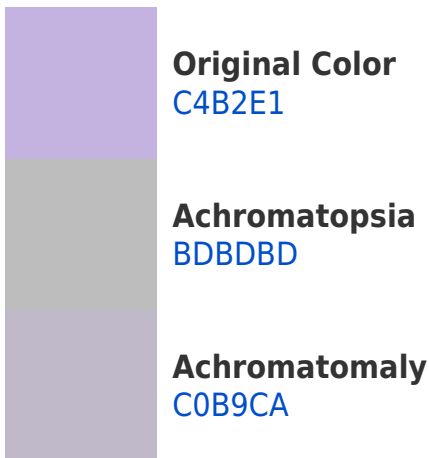


**Tritanopia**  
BFB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4B2E1 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 #C4B2E1 looks like.

```
.text, #text, p{  
    color:#C4B2E1  
}
```

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 #C4B2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B2E1
}
```

## Border

The CSS property to change the border of an element to Hex C4B2E1 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
#C4B2E1 }
```

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

```
.border{ border-color:#C4B2E1 }
```

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

Here you see how a box with a 4 pixel #C4B2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B2E1; -webkit-box-shadow:4px 4px  
4px 4px #C4B2E1; box-shadow:4px 4px 4px  
4px #C4B2E1 }
```

# Background

The CSS property to change the background color of an element to Hex C4B2E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B2E1 }
```

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

```
.background{ background-color:#C4B2E1 }
```

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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