

# Converting Colors

Hex(C4B6E8)

Have a look what the booklet for  
Hex(C4B6E8) contains.

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# **Color**

**Hex(C4B6E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4B6E8
RGB	196, 182, 232
RGB Percent	77%, 71%, 91%
CMY	0.2314, 0.2863, 0.0902
CMYK	0.16, 0.22, 0.00, 0.09
HSL	257°, 52%, 81%
HSV	257°, 22%, 91%
XYZ	54.0584, 51.0179, 83.3422
YIQ	191.8860, -7.7060, 18.5180

# Conversions

## Conversions Part 2

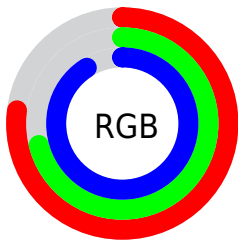
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 182, 232
Decimal	12891880
CIE Lab	76.69, 14.74, -23.14
CIE LCh	77, 27.435, 302.497
Yxy	51.0179, 0.2869, 0.2708
Android (android.graphics.Color)	4291081960 (0xFFC4B6E8)
YUV	191.8860, 19.7762, 3.6080
Hunter-Lab	71.4268, 10.0984, -19.1820

# Details

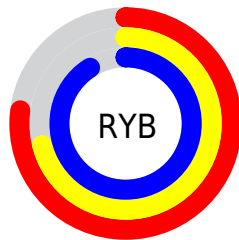
The Hex color **C4B6E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DAE8B6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FDEEFF**, and **8E81B0** is the 20% darker color. If you saturate the color by 10%, you get **B39FE8**, and if you desaturate by 10%, it is **D5CDE8**.

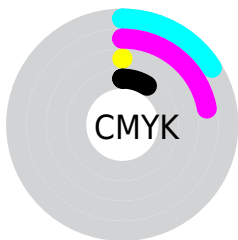
# Distribution



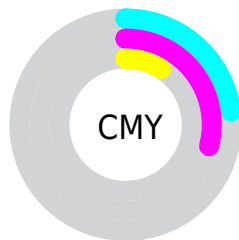
- Red (77%)
- Green (71%)
- Blue (91%)



- Red (77%)
- Yellow (71%)
- Blue (91%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (29%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4B6E8 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 C4B6E8 by changing the saturation by 10% instead.



 C4B6E8

FFFFFF

 FDEEFF

 C4B6E8

 A99BCC

 8E81B0

 746895

 5B507C

 433962

 2B234A

 150F34

 00011E

 000000

 C4B6E8

 C4B6E8

 B39FE8


 D5CDE8

 A388E8

 E5E4E8

 9270E8

 F6FCE8

 8159E8

 FFFFE8

 7042E8

 602BE8

 4F14E8

 4100E8

# Harmonies

## Analogous

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



A1BFEF



C4B6E8



E0AED5

# Triad

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



C4B6E8



E4B491



7CCCBF

# Complementary

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



C4B6E8



DAE8B6

# 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.



95C9A5



C4B6E8



CEBC8B

# Square

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



C4B6E8



F0ADA3



B2C492



72CBD8

# Rectangle

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



C4B6E8



EBABC5



B2C492



83CBB6



# Sweetspot

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



C4B6E8



F4F0FF



B6DBE8



797780



000000



808080



# Same Dimension

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



C4B6E8



CFBDFE



DCB6E8



6A6773



3200B3



0E0033



# Inverse Universe

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



E8B6DA



FFBDEC



C2E8B6



736770



B30081



330025



# Previews

## White Background



This preview shows how the Hex color C4B6E8 looks on a white background.

## Color Contrast Check

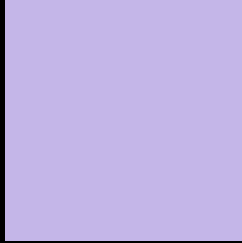
Large Text (above 18pt) WCAG AA × Fail

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 C4B6E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

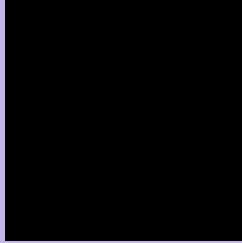
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4B6E8 Background



This preview shows how black text looks on a background with the Hex color C4B6E8.

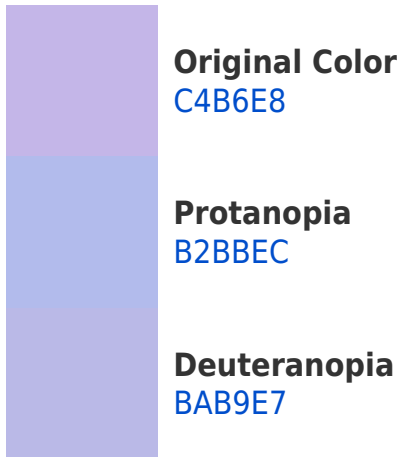


This preview shows how white text looks on a background with the Hex color C4B6E8.

# 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

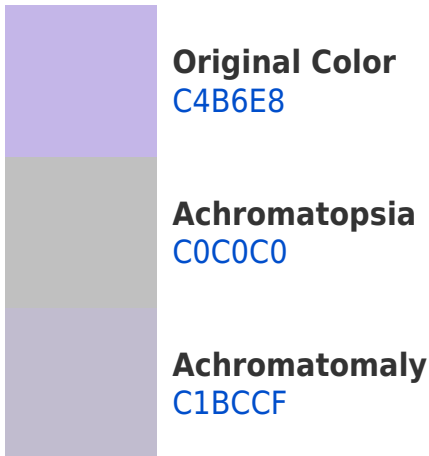




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4B6E8 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 #C4B6E8 looks like.

```
.text, #text, p{  
    color:#C4B6E8  
}
```

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 #C4B6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B6E8
}
```

## Border

The CSS property to change the border of an element to Hex C4B6E8 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
#C4B6E8 }
```

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

```
.border{ border-color:#C4B6E8 }
```

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

Here you see how a box with a 4 pixel #C4B6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B6E8; -webkit-box-shadow:4px 4px  
4px 4px #C4B6E8; box-shadow:4px 4px 4px  
4px #C4B6E8 }
```

# Background

The CSS property to change the background color of an element to Hex C4B6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B6E8 }
```

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

```
.background{ background-color:#C4B6E8 }
```

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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