

# Converting Colors

Hex(C8B8E4)

Have a look what the booklet for  
Hex(C8B8E4) contains.

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# Color

**Hex(C8B8E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8B8E4
RGB	200, 184, 228
RGB Percent	78%, 72%, 89%
CMY	0.2157, 0.2784, 0.1059
CMYK	0.12, 0.19, 0.00, 0.11
HSL	262°, 45%, 81%
HSV	262°, 19%, 89%
XYZ	54.9635, 52.1618, 80.5701
YIQ	193.8000, -4.5880, 17.0760

# Conversions

## Conversions Part 2

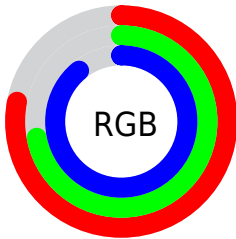
Format	Color
R <sub>Y</sub> B	200, 184, 228
Decimal	13154532
CIE Lab	77.38, 14.08, -19.90
CIE LCh	77, 24.377, 305.268
Yxy	52.1618, 0.2928, 0.2779
Android (android.graphics.Color)	4291344612 (0xFFC8B8E4)
YUV	193.8000, 16.8606, 5.4374
Hunter-Lab	72.2231, 9.4523, -15.5861

# Details

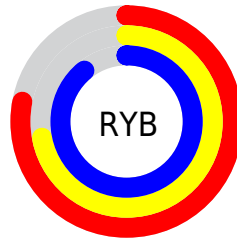
The Hex color **C8B8E4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D4E4B8**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF0FF**, and **9283AC** is the 20% darker color. If you saturate the color by 10%, you get **B9A1E4**, and if you desaturate by 10%, it is **D7CFE4**.

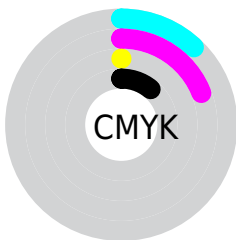
# Distribution



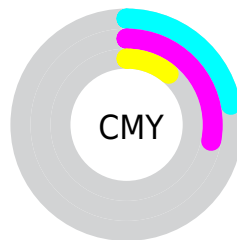
- Red (78%)
- Green (72%)
- Blue (89%)



- Red (78%)
- Yellow (72%)
- Blue (89%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (28%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8B8E4 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 C8B8E4 by changing the saturation by 10% instead.



 C8B8E4

FFFFFF

 FFF0FF

 C8B8E4

 AC9DC8

 9283AC

 786A92

 5F5278

 473A5F

 2F2547

 191131

 00001C

 000000

 C8B8E4

 C8B8E4

 B9A1E4

 D7CFE4

 AB8AE4

 E5E6E4

 9C74E4

 F4FCE4

 8E5DE4

 FFFFE4

 7F46E4

 712FE4

 6218E4

 5402E4

 5300E4

# Harmonies

## Analogous

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



AAC0EC



C8B8E4



E0B2D2

# Triad

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



C8B8E4



E0B797



85CCC2

# Complementary

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



C8B8E4



D4E4B8

# 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.



9ACAAC



C8B8E4



CCBF92

# Square

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



C8B8E4



ECB1A6



B3C69A



7FCBD8

# Rectangle

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



C8B8E4



EAAFC4



B3C69A



8BCCBB



# Sweetspot

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



C8B8E4



F5F0FF



B8D5E4



7A7780



000000



808080



# Same Dimension

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



C8B8E4



DAC4FF



DDB8E4



6B6773



4100B3



130033



# Inverse Universe

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



E4B8D4



FFC4EA



BFE4B8



73676F



B30072

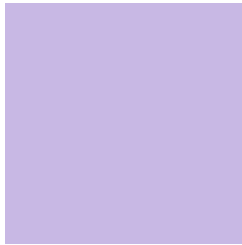


330020



# Previews

## White Background



This preview shows how the Hex color C8B8E4 looks on a white background.

## Color Contrast Check

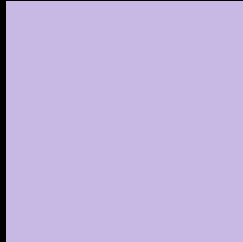
Large Text (above 18pt) WCAG AA × Fail

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 C8B8E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

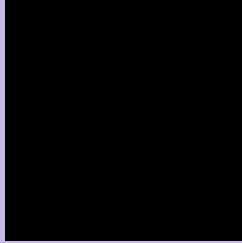
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8B8E4 Background



This preview shows how black text looks on a background with the Hex color C8B8E4.

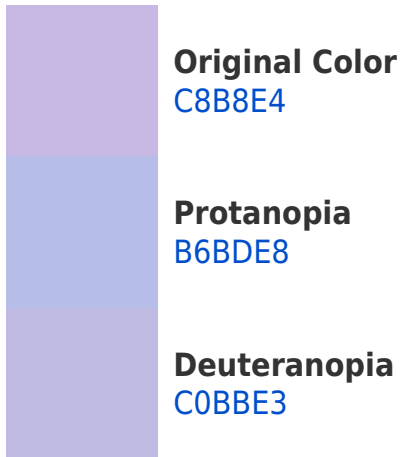


This preview shows how white text looks on a background with the Hex color C8B8E4.

# 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



**Original Color**  
C8B8E4

**Protanomaly**  
BDBBE7

**Deuteranomaly**  
C3BAE3

**Tritanomaly**  
C5BBD4

# Monochromacy



**Original Color**  
C8B8E4

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C4BECE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8B8E4 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 #C8B8E4 looks like.

```
.text, #text, p{  
    color:#C8B8E4  
}
```

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 #C8B8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8B8E4
}
```

## Border

The CSS property to change the border of an element to Hex C8B8E4 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
#C8B8E4 }
```

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

```
.border{ border-color:#C8B8E4 }
```

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

Here you see how a box with a 4 pixel #C8B8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8B8E4; -webkit-box-shadow:4px 4px  
4px 4px #C8B8E4; box-shadow:4px 4px 4px  
4px #C8B8E4 }
```

# Background

The CSS property to change the background color of an element to Hex C8B8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8B8E4 }
```

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

```
.background{ background-color:#C8B8E4 }
```

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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