

# Converting Colors

Hex(C7A8E6)

Have a look what the booklet for  
Hex(C7A8E6) contains.

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# Color

**Hex(C7A8E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A8E6
RGB	199, 168, 230
RGB Percent	78%, 66%, 90%
CMY	0.2196, 0.3412, 0.0980
CMYK	0.13, 0.27, 0.00, 0.10
HSL	270°, 55%, 78%
HSV	270°, 27%, 90%
XYZ	51.8387, 45.8605, 80.9827
YIQ	184.3370, -1.4260, 25.8540

# Conversions

## Conversions Part 2

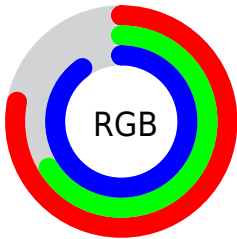
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 168, 230
Decimal	13084902
CIE <sub>Lab</sub>	73.45, 22.93, -26.97
CIE <sub>LCh</sub>	73, 35.406, 310.372
Yxy	45.8605, 0.2901, 0.2567
Android (android.graphics.Color)	4291274982 (0xFFC7A8E6)
YUV	184.3370, 22.5119, 12.8595
Hunter-Lab	67.7204, 18.1278, -23.4970

# Details

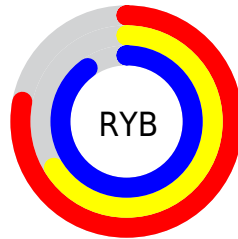
The Hex color **C7A8E6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C7E6A8**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFDFFF**, and **9074AE** is the 20% darker color. If you saturate the color by 10%, you get **BB91E6**, and if you desaturate by 10%, it is **D3BFE6**.

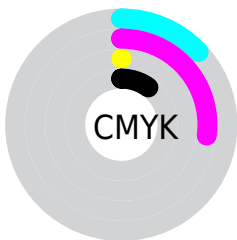
# Distribution



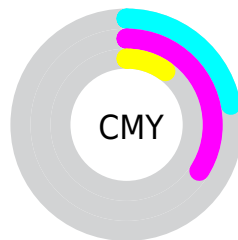
- Red (78%)
- Green (66%)
- Blue (90%)



- Red (78%)
- Yellow (66%)
- Blue (90%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (34%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7A8E6 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 C7A8E6 by changing the saturation by 10% instead.



 C7A8E6

FFFFFF

 FFDFFF

 FFFCFF

 C7A8E6

 AB8DCA

 9074AE

 765B94

 5D437A

 442C61

 2D1749

 180032

 00021C

 000000

 C7A8E6

 C7A8E6

 BB91E6

 D3BFE6

 B07AE6

 DED6E6

 A563E6

 EAEDE6

 994CE6

 F5FFE6

 8E35E6

 FFFFE6

 821EE6

 7707E6

 7300E6

# Harmonies

## Analogous

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



99B4F4



C7A8E6



E79FCB

# Triad

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



C7A8E6



DDAB78



4FC6BF

# Complementary

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



C7A8E6



C7E6A8

# 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.



74C49E



C7A8E6



BFB674

# Square

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



C7A8E6



F0A18C



9CBF82



42C4DD

# Rectangle

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



C7A8E6



F29CB5



9CBF82



5AC6B4



# Sweetspot

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



C7A8E6



F5EBFF



A8C7E6



797380



000000



808080



# Same Dimension

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



C7A8E6



D6ADFF



E6A8E6



6D6773



5900B3



1A0033



# Inverse Universe

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



E6A8C7



FFADD6



A8E6A8



73676D



B30059

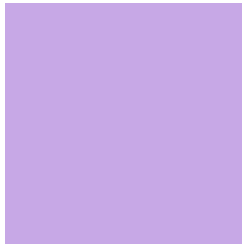


33001A



# Previews

## White Background



This preview shows how the Hex color C7A8E6 looks on a white background.

## Color Contrast Check

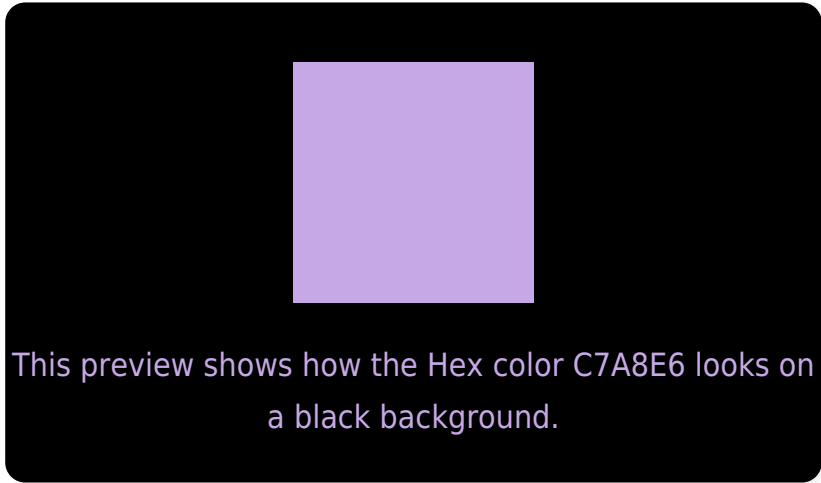
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

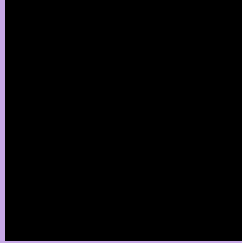
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7A8E6 Background



This preview shows how black text looks on a background with the Hex color C7A8E6.



This preview shows how white text looks on a background with the Hex color C7A8E6.

# 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**  
C7A8E6

**Protanomaly**  
B1AEEB

**Deuteranomaly**  
B6AEE5

**Tritanomaly**  
C3ADCC

# Monochromacy



**Original Color**  
C7A8E6

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
BDB2C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7A8E6 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 #C7A8E6 looks like.

```
.text, #text, p{  
    color:#C7A8E6  
}
```

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 #C7A8E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A8E6
}
```

## Border

The CSS property to change the border of an element to Hex C7A8E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

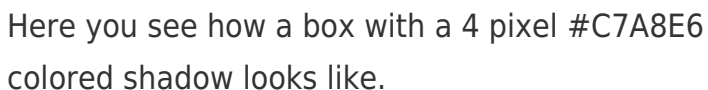
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7A8E6 }
```

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

```
.border{ border-color:#C7A8E6 }
```

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



Here you see how a box with a 4 pixel `#C7A8E6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A8E6; -webkit-box-shadow:4px 4px  
4px 4px #C7A8E6; box-shadow:4px 4px 4px  
4px #C7A8E6 }
```

# Background

The CSS property to change the background color of an element to Hex C7A8E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A8E6 }
```

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

```
.background{ background-color:#C7A8E6 }
```

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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