

# Converting Colors

Hex(C7A3E2)

Have a look what the booklet for  
Hex(C7A3E2) contains.

<b>Hex(C7A3E2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C7A3E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A3E2
RGB	199, 163, 226
RGB Percent	78%, 64%, 89%
CMY	0.2196, 0.3608, 0.1137
CMYK	0.12, 0.28, 0.00, 0.11
HSL	274°, 52%, 76%
HSV	274°, 28%, 89%
XYZ	50.3778, 43.8275, 77.7559
YIQ	180.9460, 1.2330, 27.2250

# Conversions

## Conversions Part 2

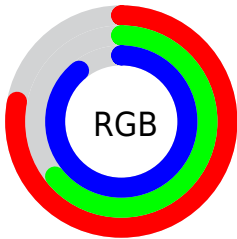
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 163, 226
Decimal	13083618
CIE <sub>Lab</sub>	72.11, 24.84, -26.85
CIE <sub>LCh</sub>	72, 36.579, 312.780
Yxy	43.8275, 0.2930, 0.2549
Android (android.graphics.Color)	4291273698 (0xFFC7A3E2)
YUV	180.9460, 22.2116, 15.8334
Hunter-Lab	66.2023, 19.9787, -23.2956

# Details

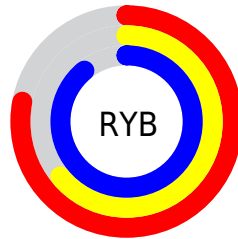
The Hex color **C7A3E2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BEE2A3**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFDAFF**, and **906FAA** is the 20% darker color. If you saturate the color by 10%, you get **BD8CE2**, and if you desaturate by 10%, it is **D1BAE2**.

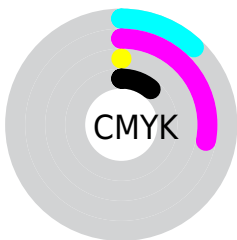
# Distribution



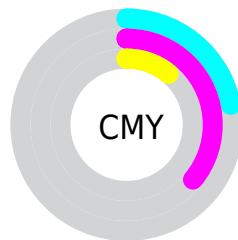
- Red (78%)
- Green (64%)
- Blue (89%)



- Red (78%)
- Yellow (64%)
- Blue (89%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (36%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7A3E2 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 C7A3E2 by changing the saturation by 10% instead.



 C7A3E2

 C7A3E2

FFFFFF

 AB89C6

 FFDAFF

 906FAA

 FFF7FF

 765690

 5D3F76

 44285D

 2D1245

 19002F

 000119

 000000

 C7A3E2

 C7A3E2

 BD8CE2

 D1BAE2

 B476E2

 DAD0E2

 AA5FE2

 E4E7E2

 A049E2

 EEFDE2


 9732E2

 F7FFE2

 8D1BE2

 FFFFE2

 8305E2

 8100E2

# Harmonies

## Analogous

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



99AFF2



C7A3E2



E69AC5

# Triad

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



C7A3E2



D8A871



41C3BE

# Complementary

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



C7A3E2



BEE2A3

# 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.



6BC19C



C7A3E2



B9B36F

# Square

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



C7A3E2



ED9D85



94BC7F



34C0DD

# Rectangle

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



C7A3E2



F097AF



94BC7F



4EC3B3



# Sweetspot

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



C7A3E2



F6EBFF



A3BEE2



7A7380



000000



808080



# Same Dimension

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



C7A3E2



DBABFF



E2A3DE



6B6570



6500B0



1C0030



# Inverse Universe

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



E2A3BE



FFABCF



A3E2A7



70656A



B0004B

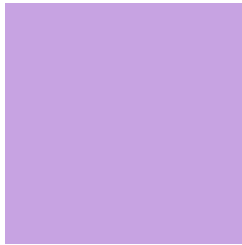


300015



# Previews

## White Background



This preview shows how the Hex color C7A3E2 looks on a white background.

## Color Contrast Check

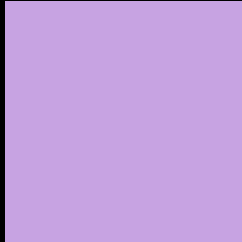
Large Text (above 18pt) WCAG AA × Fail

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 C7A3E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

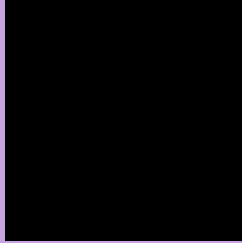
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7A3E2 Background



This preview shows how black text looks on a background with the Hex color C7A3E2.

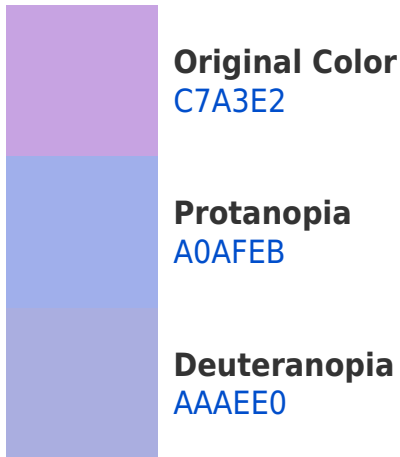


This preview shows how white text looks on a background with the Hex color C7A3E2.

# Color Blindness Simulation

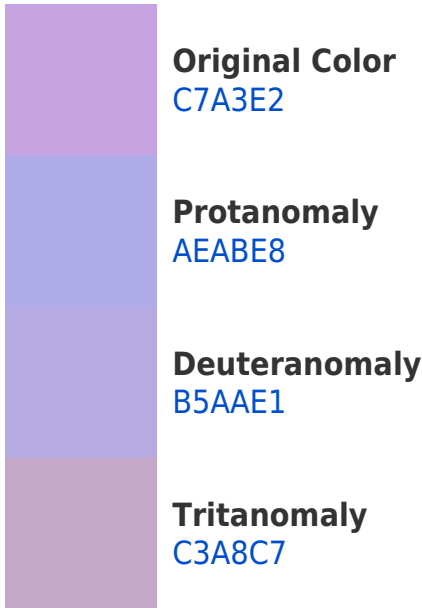
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

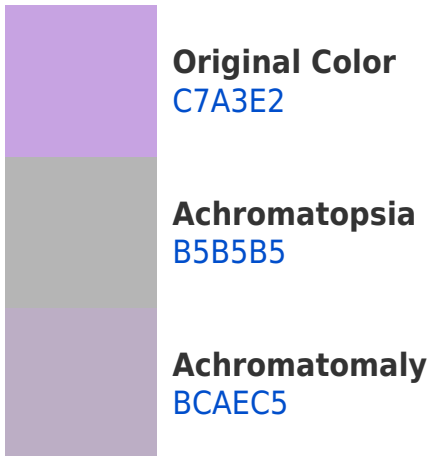




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7A3E2 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 #C7A3E2 looks like.

```
.text, #text, p{  
    color:#C7A3E2  
}
```

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 #C7A3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A3E2
}
```

## Border

The CSS property to change the border of an element to Hex C7A3E2 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
#C7A3E2 }
```

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

```
.border{ border-color:#C7A3E2 }
```

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

Here you see how a box with a 4 pixel #C7A3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A3E2; -webkit-box-shadow:4px 4px  
4px 4px #C7A3E2; box-shadow:4px 4px 4px  
4px #C7A3E2 }
```

# Background

The CSS property to change the background color of an element to Hex C7A3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A3E2 }
```

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

```
.background{ background-color:#C7A3E2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor