

# Converting Colors

Hex(C9A4E2)

Have a look what the booklet for  
Hex(C9A4E2) contains.

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# **Color**

**Hex(C9A4E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9A4E2
RGB	201, 164, 226
RGB Percent	79%, 64%, 89%
CMY	0.2118, 0.3569, 0.1137
CMYK	0.11, 0.27, 0.00, 0.11
HSL	276°, 52%, 76%
HSV	276°, 27%, 89%
XYZ	51.0903, 44.4594, 77.8403
YIQ	182.1310, 2.1500, 27.1260

# Conversions

## Conversions Part 2

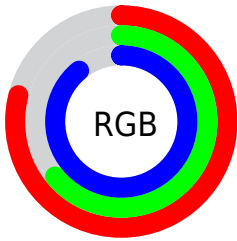
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 164, 226
Decimal	13214946
CIE Lab	72.53, 24.93, -26.19
CIE LCh	73, 36.153, 313.588
Yxy	44.4594, 0.2947, 0.2564
Android (android.graphics.Color)	4291405026 (0xFFC9A4E2)
YUV	182.1310, 21.6274, 16.5481
Hunter-Lab	66.6779, 20.0850, -22.5411

# Details

The Hex color **C9A4E2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BDE2A4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFDBFF**, and **9270AA** is the 20% darker color. If you saturate the color by 10%, you get **C08DE2**, and if you desaturate by 10%, it is **D2BBE2**.

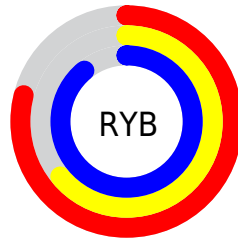
# Distribution



Red (79%)

Green (64%)

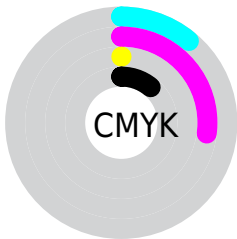
Blue (89%)



Red (79%)

Yellow (64%)

Blue (89%)

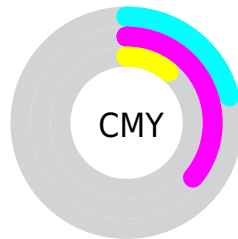


Cyan (11%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (36%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9A4E2 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 C9A4E2 by changing the saturation by 10% instead.



 C9A4E2

 C9A4E2

FFFFFF

 AD8AC6

 FFDBFF

 9270AA

 FFF8FF

 785790

 5F3F76

 46295D

 2E1345

 1B002F

 000119

 000000

 C9A4E2

 C9A4E2

 C08DE2

 D2BBE2

 B777E2

 DBD1E2

 AE60E2

 E4E8E2

 A54AE2

 EDFEE2

 9B33E2

 F7FFE2

 921CE2

 FFFFE2

 8906E2

 8700E2

# Harmonies

## Analogous

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



9BB0F2



C9A4E2



E79BC5

# Triad

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



C9A4E2



D8AA73



44C4C0

# Complementary

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



C9A4E2



BDE2A4

# 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.



6CC39E



C9A4E2



B9B571

# Square

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



C9A4E2



ED9F86



94BD81



3AC1DE

# Rectangle

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



C9A4E2



F199AF



94BD81



50C4B5



# Sweetspot

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



C9A4E2



F7EBFF



A4BEE2



7A7380



000000



808080



# Same Dimension

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



C9A4E2



DDABFF



E2A4DD



6C6570



6900B0



1D0030



# Inverse Universe

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



E2A4BD



FFABCD



A4E2A9



70656A



B00047

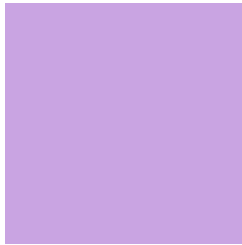


300014



# Previews

## White Background



This preview shows how the Hex color C9A4E2 looks on a white background.

## Color Contrast Check

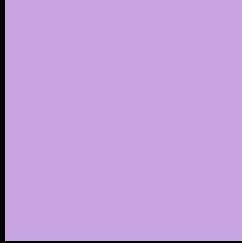
Large Text (above 18pt) WCAG AA × Fail

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 C9A4E2 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 C9A4E2 Background



This preview shows how black text looks on a background with the Hex color C9A4E2.

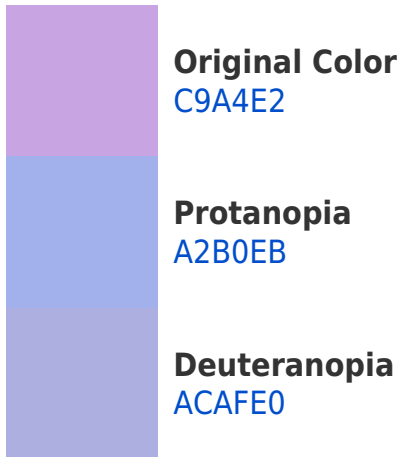


This preview shows how white text looks on a background with the Hex color C9A4E2.

# 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](#).

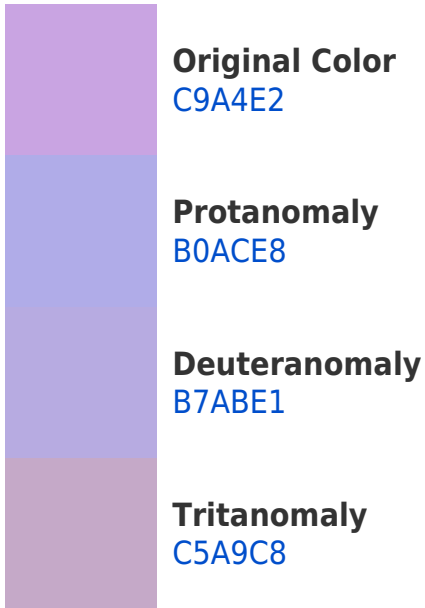
## Dichromacy



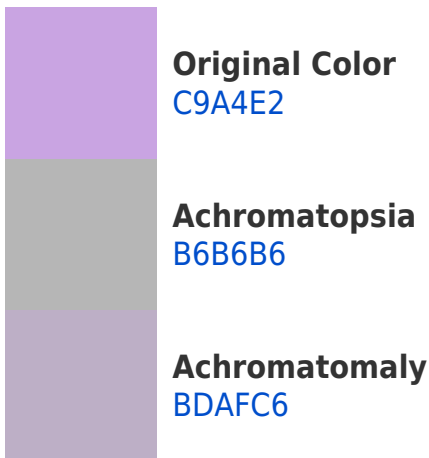


**Tritanopia**  
C3ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9A4E2 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 #C9A4E2 looks like.

```
.text, #text, p{  
    color:#C9A4E2  
}
```

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 #C9A4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A4E2
}
```

## Border

The CSS property to change the border of an element to Hex C9A4E2 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
#C9A4E2 }
```

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

```
.border{ border-color:#C9A4E2 }
```

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

Here you see how a box with a 4 pixel #C9A4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A4E2; -webkit-box-shadow:4px 4px  
4px 4px #C9A4E2; box-shadow:4px 4px 4px  
4px #C9A4E2 }
```

# Background

The CSS property to change the background color of an element to Hex C9A4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A4E2 }
```

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

```
.background{ background-color:#C9A4E2 }
```

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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