

Converting Colors

Hex(C4A7E1)

Have a look what the booklet for
Hex(C4A7E1) contains.

Hex(C4A7E1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4A7E1)

Conversions

Conversions Part 1

Format	Color
Hex	C4A7E1
RGB	196, 167, 225
RGB Percent	77%, 65%, 88%
CMY	0.2314, 0.3451, 0.1176
CMYK	0.13, 0.26, 0.00, 0.12
HSL	270°, 49%, 77%
HSV	270°, 26%, 88%
XYZ	50.1743, 44.8094, 77.2388
YIQ	182.2830, -1.3340, 24.1860

Conversions

Conversions Part 2

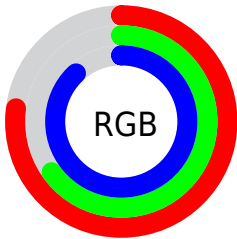
Format	Color
R _Y B	196, 167, 225
Decimal	12888033
CIE Lab	72.77, 21.48, -25.32
CIE LCh	73, 33.209, 310.307
Yxy	44.8094, 0.2913, 0.2602
Android (android.graphics.Color)	4291078113 (0xFFC4A7E1)
YUV	182.2830, 21.0595, 12.0298
Hunter-Lab	66.9399, 16.6486, -21.5541

Details

The Hex color **C4A7E1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C4E1A7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FDDEFF**, and **8E73AA** is the 20% darker color. If you saturate the color by 10%, you get **B991E1**, and if you desaturate by 10%, it is **CFBDE1**.

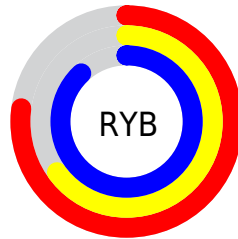
Distribution



Red (77%)

Green (65%)

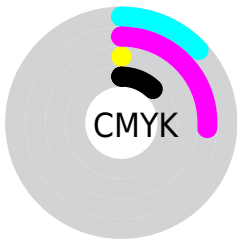
Blue (88%)



Red (77%)

Yellow (65%)

Blue (88%)

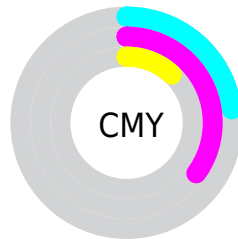


Cyan (13%)

Magenta (26%)

Yellow (0%)

Black (12%)



Cyan (23%)

Magenta (35%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4A7E1 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 C4A7E1 by changing the saturation by 10% instead.

 C4A7E1

 C4A7E1

FFFFFF

 A88DC5

 FDDEFF

 8E73AA

 FFFBFF

 745A8F

 5A4275

 422C5C

 2B1745

 17002E

 000119

 000000

 C4A7E1

 C4A7E1

 B991E1

 CFBDE1

 AD7AE1

 DBD4E1

 A263E1

 E6EBE1

 974DE1

 F1FFE1

 8C37E1

 FCFFE1

 8120E1

 FFFFE1

 750AE1

 7100E1

Harmonies

Analogous

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



9AB2EE



C4A7E1



E29EC8

Triad

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



C4A7E1



D9AA7A



57C3BC

Complementary

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



C4A7E1



C4E1A7

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.



78C29D



C4A7E1



BDB476

Square

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



C4A7E1



EBA08D



9CBC83



4DC1D9

Rectangle

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



C4A7E1



EC9CB3



9CBC83



60C3B2

Sweetspot

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



C4A7E1



F5EBFF



A7C4E1



797380



000000



808080

Same Dimension

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



C4A7E1



D7B0FF



E1A7E1



6B6570



5800B0



180030

Inverse Universe

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



E1A7C4



FFB0D7



A7E1A7



70656B



B00058



300018

Previews

White Background



This preview shows how the Hex color C4A7E1 looks on a white background.

Color Contrast Check

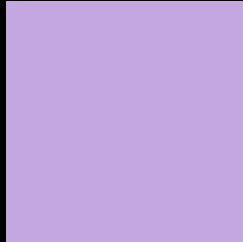
Large Text (above 18pt) WCAG AA × Fail

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 C4A7E1 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 C4A7E1 Background



This preview shows how black text looks on a background with the Hex color C4A7E1.

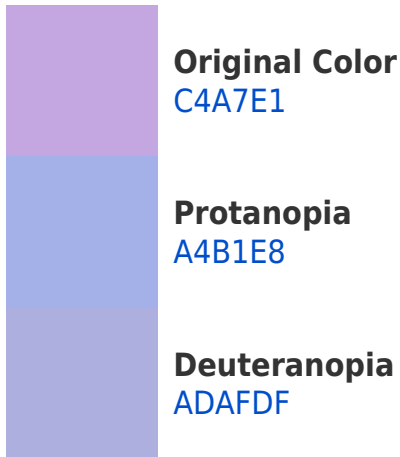


This preview shows how white text looks on a background with the Hex color C4A7E1.

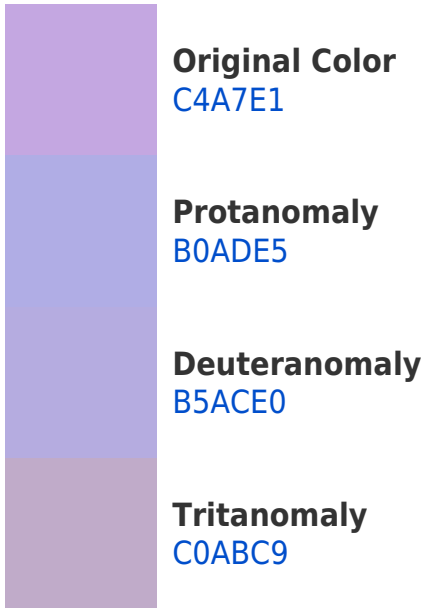
Color Blindness Simulation

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](#).

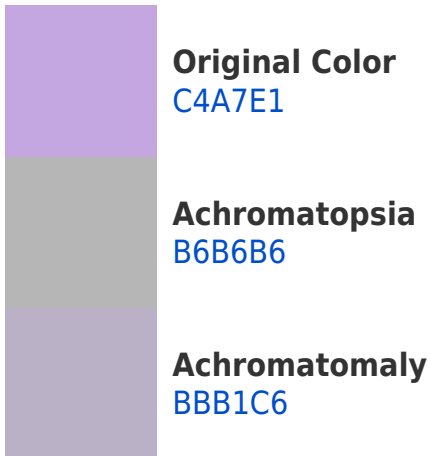
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4A7E1 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 #C4A7E1 looks like.

```
.text, #text, p{  
    color:#C4A7E1  
}
```

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 #C4A7E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A7E1
}
```

Border

The CSS property to change the border of an element to Hex C4A7E1 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
#C4A7E1 }
```

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

```
.border{ border-color:#C4A7E1 }
```

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

Here you see how a box with a 4 pixel #C4A7E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A7E1; -webkit-box-shadow:4px 4px  
4px 4px #C4A7E1; box-shadow:4px 4px 4px  
4px #C4A7E1 }
```

Background

The CSS property to change the background color of an element to Hex C4A7E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A7E1 }
```

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

```
.background{ background-color:#C4A7E1 }
```

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