

# Converting Colors

Hex(C2A7E5)

Have a look what the booklet for  
Hex(C2A7E5) contains.

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# **Color**

**Hex(C2A7E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A7E5
RGB	194, 167, 229
RGB Percent	76%, 65%, 90%
CMY	0.2392, 0.3451, 0.1020
CMYK	0.15, 0.27, 0.00, 0.10
HSL	266°, 54%, 78%
HSV	266°, 27%, 90%
XYZ	50.2097, 44.7639, 80.1227
YIQ	182.1410, -3.8100, 25.0060

# Conversions

## Conversions Part 2

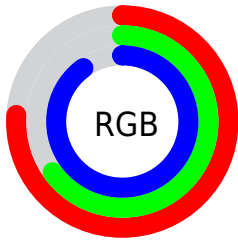
Format	Color
<a href="#">RYB</a>	<a href="#">194, 167, 229</a>
Decimal	<a href="#">12756965</a>
<a href="#">CIELab</a>	<a href="#">72.74, 21.71, -27.57</a>
<a href="#">CIELCh</a>	<a href="#">73, 35.090, 308.216</a>
<a href="#">Yxy</a>	<a href="#">44.7639, 0.2868, 0.2557</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4290947045</a> ( <a href="#">0xFFC2A7E5</a> )
<a href="#">YUV</a>	<a href="#">182.1410, 23.1015, 10.4003</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.9058, 16.8707, -24.1683</a>

# Details

The Hex color **C2A7E5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CAE5A7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FBDEFF**, and **8C73AD** is the 20% darker color. If you saturate the color by 10%, you get **B590E5**, and if you desaturate by 10%, it is **CFBEE5**.

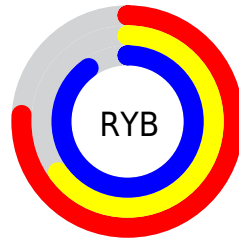
# Distribution



Red (76%)

Green (65%)

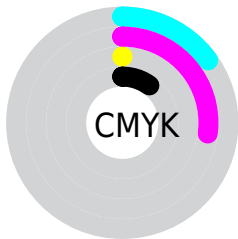
Blue (90%)



Red (76%)

Yellow (65%)

Blue (90%)

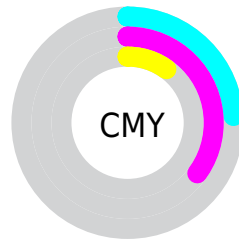


Cyan (15%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (24%)

Magenta (35%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2A7E5 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 C2A7E5 by changing the saturation by 10% instead.



 C2A7E5

 C2A7E5

FFFFFF

 A68DC9

 FBDEFF

 8C73AD

 FFFBFF

 725A93

 584279

 402C60

 281748

 150031

 00011B

 000000

 C2A7E5

 C2A7E5

 B590E5

 CFBEE5

 A879E5


 DCD5E5

 9B62E5

 E9ECE5

 8E4BE5

 F6FFE5

 8135E5

 FFFFE5

 741EE5

 6807E5

 6400E5

# Harmonies

## Analogous

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



94B3F2



C2A7E5



E29DCB

# Triad

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



C2A7E5



DCA877



50C4BB

# Complementary

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



C2A7E5



CAE5A7

# 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.



76C29A



C2A7E5



C0B372

# Square

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



C2A7E5



EE9F8C



9DBC7F



40C2D9

# Rectangle

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



C2A7E5



EE9AB6



9DBC7F



5CC4AF



# Sweetspot

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



C2A7E5



F3EBFF



A7CAE5



787380



000000



808080



# Same Dimension

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



C2A7E5



D1ADFF



E1A7E5



6C6773



4E00B3



160033



# Inverse Universe

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



E5A7CA



FFADDB



ABE5A7



73676E



B30065

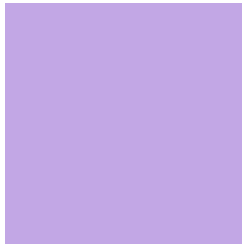


33001D



# Previews

## White Background



This preview shows how the Hex color C2A7E5 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

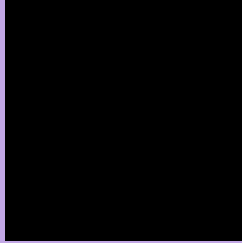
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2A7E5 Background



This preview shows how black text looks on a background with the Hex color C2A7E5.

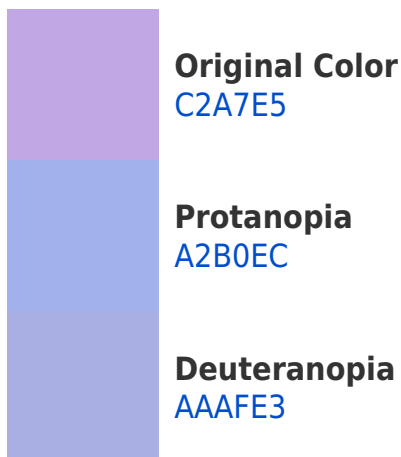


This preview shows how white text looks on a background with the Hex color C2A7E5.

# 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**  
C2A7E5

**Protanomaly**  
AEADE9

**Deuteranomaly**  
B3ACE4

**Tritanomaly**  
BEACCB

# Monochromacy



**Original Color**  
C2A7E5

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
BAB1C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2A7E5 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 #C2A7E5 looks like.

```
.text, #text, p{  
    color:#C2A7E5  
}
```

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 #C2A7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A7E5
}
```

## Border

The CSS property to change the border of an element to Hex C2A7E5 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
#C2A7E5 }
```

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

```
.border{ border-color:#C2A7E5 }
```

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

Here you see how a box with a 4 pixel #C2A7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A7E5; -webkit-box-shadow:4px 4px  
4px 4px #C2A7E5; box-shadow:4px 4px 4px  
4px #C2A7E5 }
```

# Background

The CSS property to change the background color of an element to Hex C2A7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A7E5 }
```

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

```
.background{ background-color:#C2A7E5 }
```

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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