

# Converting Colors

Hex(C5A2DA)

Have a look what the booklet for  
Hex(C5A2DA) contains.

<b>Hex(C5A2DA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C5A2DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5A2DA
RGB	197, 162, 218
RGB Percent	77%, 64%, 85%
CMY	0.2275, 0.3647, 0.1451
CMYK	0.10, 0.26, 0.00, 0.15
HSL	278°, 43%, 75%
HSV	278°, 26%, 85%
XYZ	48.6012, 42.7729, 72.0241
YIQ	178.8490, 2.8840, 24.8360

# Conversions

## Conversions Part 2

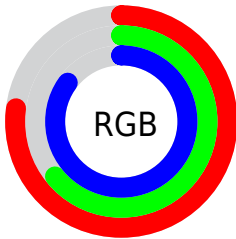
Format	Color
<a href="#">RYB</a>	<a href="#">197, 162, 218</a>
Decimal	<a href="#">12952282</a>
CIELab	<a href="#">71.40, 23.10, -23.57</a>
CIELCh	<a href="#">71, 33.004, 314.423</a>
Yxy	<a href="#">42.7729, 0.2974, 0.2618</a>
Android (android.graphics.Color)	<a href="#">4291142362 (0xFFC5A2DA)</a>
YUV	<a href="#">178.8490, 19.3014, 15.9184</a>
Hunter-Lab	<a href="#">65.4010, 18.1962, -19.5135</a>

# Details

The Hex color **C5A2DA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B7DAA2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FED9FF**, and **8F6EA3** is the 20% darker color. If you saturate the color by 10%, you get **BD8CDA**, and if you desaturate by 10%, it is **CDB8DA**.

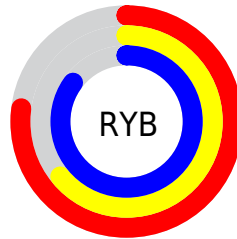
# Distribution



Red (77%)

Green (64%)

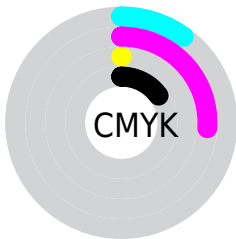
Blue (85%)



Red (77%)

Yellow (64%)

Blue (85%)

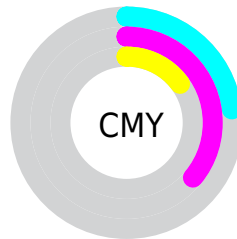


Cyan (10%)

Magenta (26%)

Yellow (0%)

Black (15%)



Cyan (23%)

Magenta (36%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5A2DA 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 C5A2DA by changing the saturation by 10% instead.



 C5A2DA

 C5A2DA

FFFFFF

 A988BE

 FED9FF

 8F6EA3

 FFF6FF

 755589

 5B3E6F

 432756

 2C123F

 1A0029

 000113

 000000

 C5A2DA

 C5A2DA

 BD8CDA

 CDB8DA

 B576DA

 D5CEDA

 AC61DA

 DEE3DA

 A44BDA

 E6F9DA

 9C35DA

 EEFFDA

 941FDA

 F6FFDA

 8C09DA

 FEFFDA

 8800DA

 FFFFDA

# Harmonies

## Analogous

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



9CADE9



C5A2DA



E09AC0

# Triad

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



C5A2DA



D2A875



50BFBD

# Complementary

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



C5A2DA



B7DAA2

# 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.



6FBE9E



C5A2DA



B5B274

# Square

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



C5A2DA



E59E86



93BA83



4CBDD8

# Rectangle

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



C5A2DA



E998AB



93BA83



59BFB2



# Sweetspot

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



C5A2DA



F7EBFF



A2B7DA



7B7380



000000



808080



# Same Dimension

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



C5A2DA



E1B0FF



DAA2D3



6A636E



6C00AD



1D002E



# Inverse Universe

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



DAA2B7



FFB0CE



A2DAA9



6E6367



AD0041

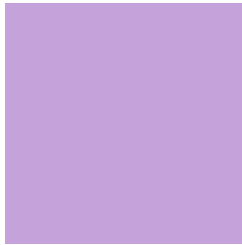


2E0011



# Previews

## White Background



This preview shows how the Hex color C5A2DA looks on a white background.

## Color Contrast Check

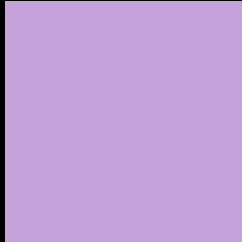
Large Text (above 18pt) WCAG AA × Fail

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 C5A2DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

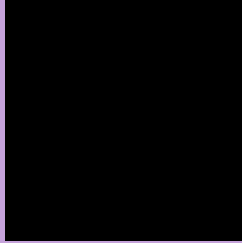
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5A2DA Background



This preview shows how black text looks on a background with the Hex color C5A2DA.

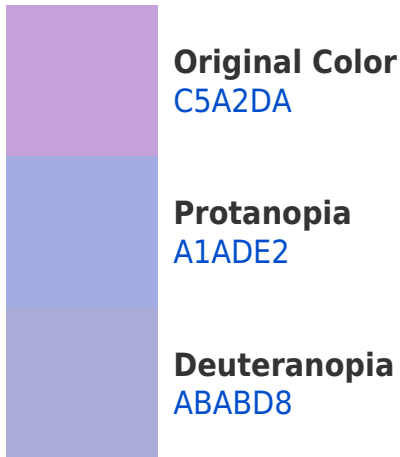


This preview shows how white text looks on a background with the Hex color C5A2DA.

# 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**  
BFA9B6

# Trichromacy



**Original Color**  
C5A2DA

**Protanomaly**  
AEA9DF

**Deuteranomaly**  
B4A8D9

**Tritanomaly**  
C1A6C3

# Monochromacy



**Original Color**  
C5A2DA

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
BAADC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5A2DA 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 #C5A2DA looks like.

```
.text, #text, p{  
    color:#C5A2DA  
}
```

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 #C5A2DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A2DA
}
```

## Border

The CSS property to change the border of an element to Hex C5A2DA 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
#C5A2DA }
```

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

```
.border{ border-color:#C5A2DA }
```

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

Here you see how a box with a 4 pixel #C5A2DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A2DA; -webkit-box-shadow:4px 4px  
4px 4px #C5A2DA; box-shadow:4px 4px 4px  
4px #C5A2DA }
```

# Background

The CSS property to change the background color of an element to Hex C5A2DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A2DA }
```

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

```
.background{ background-color:#C5A2DA }
```

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