

# Converting Colors

Hex(CFA5DA)

Have a look what the booklet for  
Hex(CFA5DA) contains.

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# **Color**

**Hex(CFA5DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFA5DA
RGB	207, 165, 218
RGB Percent	81%, 65%, 85%
CMY	0.1882, 0.3529, 0.1451
CMYK	0.05, 0.24, 0.00, 0.15
HSL	288°, 42%, 75%
HSV	288°, 24%, 85%
XYZ	51.8421, 45.2376, 72.3290
YIQ	183.6000, 8.0190, 25.3870

# Conversions

## Conversions Part 2

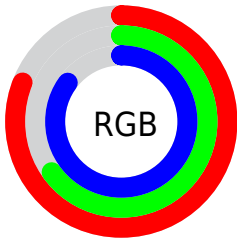
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 165, 218
Decimal	13608410
CIE <sub>Lab</sub>	73.05, 24.70, -20.98
CIE <sub>LCh</sub>	73, 32.403, 319.657
Yxy	45.2376, 0.3060, 0.2670
Android (android.graphics.Color)	4291798490 (0xFFCFA5DA)
YUV	183.6000, 16.9592, 20.5218
Hunter-Lab	67.2589, 19.8820, -16.6781

# Details

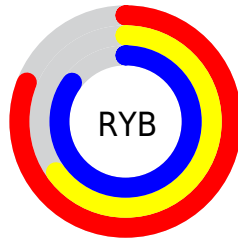
The Hex color **CFA5DA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B0DAA5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFDCFF**, and **9871A3** is the 20% darker color. If you saturate the color by 10%, you get **CA8FDA**, and if you desaturate by 10%, it is **D4BBDA**.

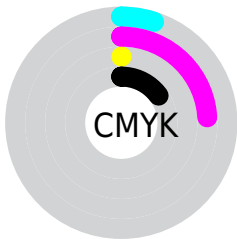
# Distribution



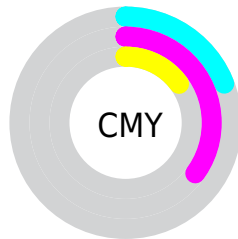
- Red (81%)
- Green (65%)
- Blue (85%)



- Red (81%)
- Yellow (65%)
- Blue (85%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (35%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFA5DA 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 CFA5DA by changing the saturation by 10% instead.



 CFA5DA

 CFA5DA

FFFFFF

 B38ABE

 FFDCFF

 9871A3

 FFF9FF

 7E5889

 64406F

 4C2957

 34133F

 200029

 000113

 000000

 CFA5DA

 CFA5DA

 CA8FDA

 D4BBDA

 C679DA

 D8D1DA

 C164DA

 DDE6DA

 BD4EDA

 E1FCDA

 B838DA

 E6FFDA

 B422DA

 EAFFDA

 AF0CDA

 EFFFDA

 AD00DA

 F3FFDA

 F8FFDA

# Harmonies

## Analogous

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



A9AFEB



CFA5DA



E79EBF

# Triad

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



CFA5DA



D1AE79



54C3C6

# Complementary

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



CFA5DA



B0DAA5

# 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.



6FC3A8



CFA5DA



B4B87B

# Square

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



CFA5DA



E6A487



92BF8C



58C0E0

# Rectangle

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



CFA5DA



EE9DAB



92BF8C



5BC4BC



# Sweetspot

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



CFA5DA



FBEDFF



A5B0DA



7D7580



000000



808080



# Same Dimension

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



CFA5DA



F0B5FF



DAA5CB



6B636E



8900AD



24002E



# Inverse Universe

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



DAA5B0



FFB5C4



A5DAB4



6E6365



AD0024

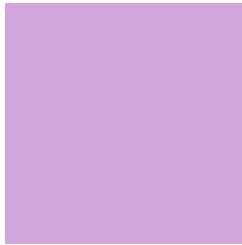


2E000A



# Previews

## White Background



This preview shows how the Hex color CFA5DA looks on a white background.

## Color Contrast Check

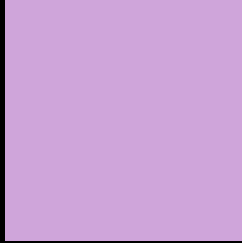
Large Text (above 18pt) WCAG AA × Fail

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 CFA5DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

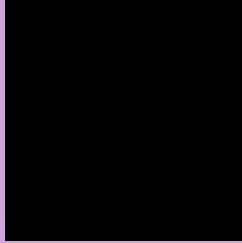
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CFA5DA Background



This preview shows how black text looks on a background with the Hex color CFA5DA.

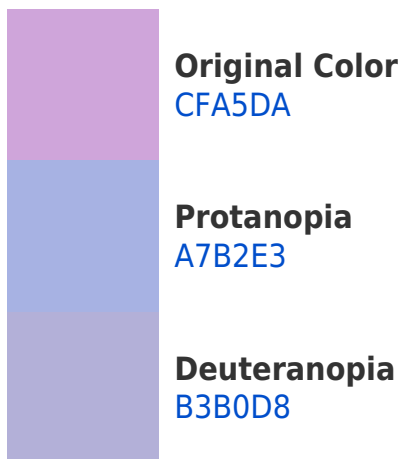


This preview shows how white text looks on a background with the Hex color CFA5DA.

# Color Blindness Simulation

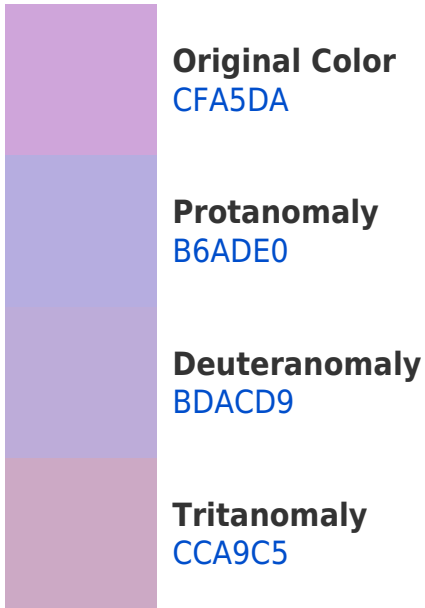
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

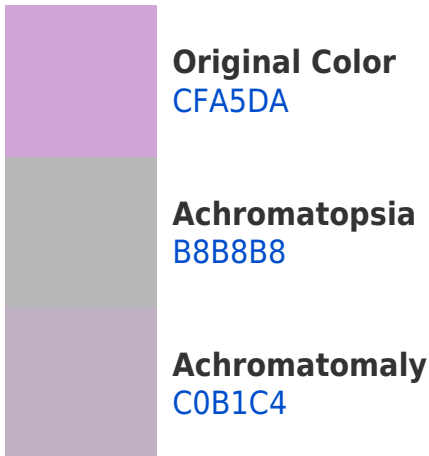




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFA5DA 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 #CFA5DA looks like.

```
.text, #text, p{  
    color:#CFA5DA  
}
```

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 #CFA5DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA5DA
}
```

## Border

The CSS property to change the border of an element to Hex CFA5DA 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
#CFA5DA }
```

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

```
.border{ border-color:#CFA5DA }
```

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

Here you see how a box with a 4 pixel #CFA5DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA5DA; -webkit-box-shadow:4px 4px  
4px 4px #CFA5DA; box-shadow:4px 4px 4px  
4px #CFA5DA }
```

# Background

The CSS property to change the background color of an element to Hex CFA5DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA5DA }
```

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

```
.background{ background-color:#CFA5DA }
```

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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