

# Converting Colors

Hex(C4A2F6)

Have a look what the booklet for  
Hex(C4A2F6) contains.

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# **Color**

**Hex(C4A2F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A2F6
RGB	196, 162, 246
RGB Percent	77%, 64%, 96%
CMY	0.2314, 0.3647, 0.0353
CMYK	0.20, 0.34, 0.00, 0.04
HSL	264°, 82%, 80%
HSV	264°, 34%, 96%
XYZ	52.3198, 44.2302, 92.9685
YIQ	181.7420, -6.7000, 33.3320

# Conversions

## Conversions Part 2

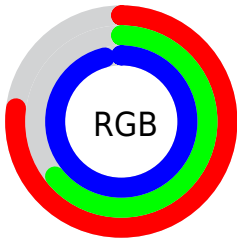
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	196, 162, 246
Decimal	12886774
CIE <sub>Lab</sub>	72.38, 28.82, -37.36
CIE <sub>LCh</sub>	72, 47.180, 307.649
Y <sub>xy</sub>	44.2302, 0.2761, 0.2334
Android (android.graphics.Color)	4291076854 (0xFFC4A2F6)
YUV	181.7420, 31.6792, 12.5043
Hunter-Lab	66.5058, 24.0400, -36.3274

# Details

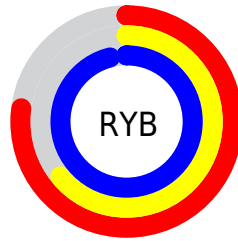
The Hex color **C4A2F6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D4F6A2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FED9FF**, and **8D6EBD** is the 20% darker color. If you saturate the color by 10%, you get **B589F6**, and if you desaturate by 10%, it is **D3BBF6**.

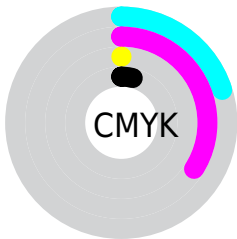
# Distribution



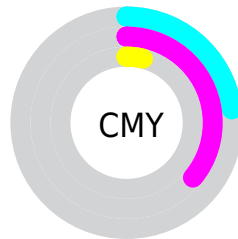
- Red (77%)
- Green (64%)
- Blue (96%)



- Red (77%)
- Yellow (64%)
- Blue (96%)



- Cyan (20%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (36%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4A2F6 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 C4A2F6 by changing the saturation by 10% instead.



 C4A2F6

FFFFFF

 FED9FF

 FFF6FF

 C4A2F6

 A888D9

 8D6EBD

 7255A2

 583E88

 3F276E

 261155

 0F003D

 000327

 000110

 C4A2F6

 C4A2F6

 B589F6

 D3BBF6

 A771F6

 E1D3F6

 9858F6

 F0ECF6

 8940F6

 FFFFF6

 7B27F6

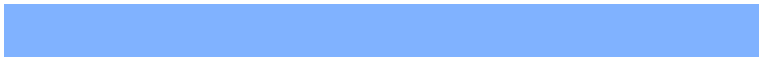
 6C0EF6

 6400F6

# Harmonies

## Analogous

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



80B2FF



C4A2F6



F093D3

# Triad

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



C4A2F6



E7A462



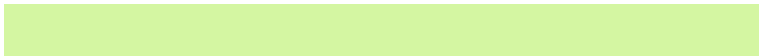
00C8BC

# Complementary

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



C4A2F6



D4F6A2

# 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.



59C58F



C4A2F6



C1B35A

# Square

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



C4A2F6



FF957F



93BE6B



00C6E5

# Rectangle

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



C4A2F6



FF8EB7



93BE6B



11C8AD



# Sweetspot

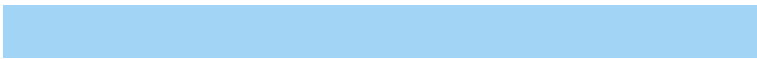
The Sweet Spot groups the original color and five complimentary colors.



C4A2F6



F0E6FF



A2D4F6



767080



000000



808080



# Same Dimension

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



C4A2F6



C196FF



EEA2F6



736E7A



4B00BA



18003B



# Inverse Universe

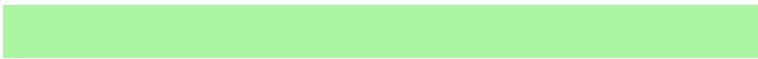
The Inverse Universe completely reimagines the original color for something new.



F6A2D4



FF96D5



AAF6A2



7A6E75



BA006F

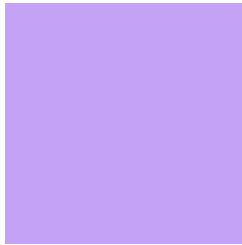


3B0023



# Previews

## White Background



This preview shows how the Hex color C4A2F6 looks on a white background.

## Color Contrast Check

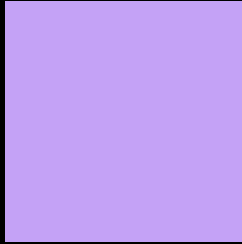
Large Text (above 18pt) WCAG AA × Fail

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 C4A2F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

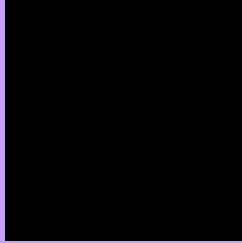
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4A2F6 Background



This preview shows how black text looks on a background with the Hex color C4A2F6.

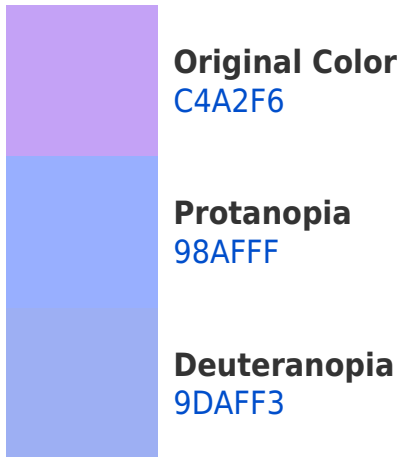


This preview shows how white text looks on a background with the Hex color C4A2F6.

# Color Blindness Simulation

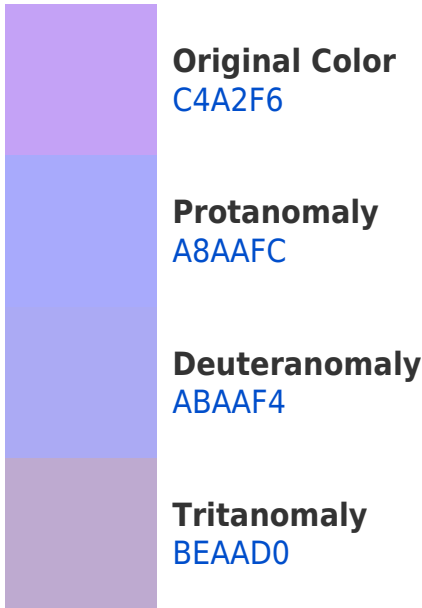
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

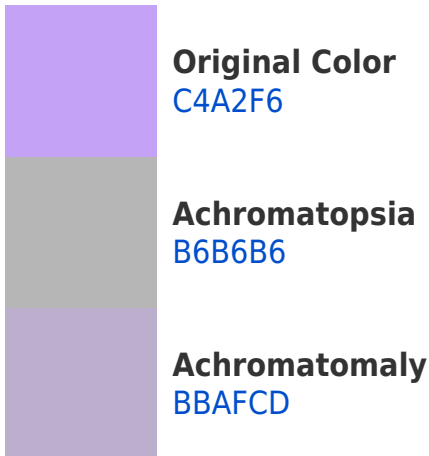




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4A2F6 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 #C4A2F6 looks like.

```
.text, #text, p{  
    color:#C4A2F6  
}
```

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 #C4A2F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A2F6  
}
```

## Border

The CSS property to change the border of an element to Hex C4A2F6 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  
#C4A2F6 }
```

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

```
.border{ border-color:#C4A2F6 }
```

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

Here you see how a box with a 4 pixel #C4A2F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A2F6; -webkit-box-shadow:4px 4px  
4px 4px #C4A2F6; box-shadow:4px 4px 4px  
4px #C4A2F6 }
```

# Background

The CSS property to change the background color of an element to Hex C4A2F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A2F6 }
```

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

```
.background{ background-color:#C4A2F6 }
```

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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