

# Converting Colors

Hex(C68AF5)

Have a look what the booklet for  
Hex(C68AF5) contains.

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# Color

**Hex(C68AF5)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | C68AF5                    |
| RGB         | 198, 138, 245             |
| RGB Percent | 78%, 54%, 96%             |
| CMY         | 0.2235, 0.4588, 0.0392    |
| CMYK        | 0.19, 0.44, 0.00, 0.04    |
| HSL         | 274°, 84%, 75%            |
| HSV         | 274°, 44%, 96%            |
| XYZ         | 48.8586, 36.7753, 90.9094 |
| YIQ         | 168.1380, 1.4130, 45.9970 |

# Conversions

## Conversions Part 2

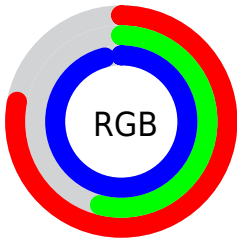
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">198, 138, 245</a>                  |
| Decimal                             | <a href="#">13011701</a>                       |
| CIELab                              | <a href="#">67.11, 42.31, -45.04</a>           |
| CIElCh                              | <a href="#">67, 61.792, 313.210</a>            |
| Yxy                                 | <a href="#">36.7753, 0.2768,<br/>0.2083</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4291201781<br/>(0xFFC68AF5)</a>    |
| YUV                                 | <a href="#">168.1380, 37.8930,<br/>26.1890</a> |
| Hunter-Lab                          | <a href="#">60.6426, 37.6894,<br/>-46.4318</a> |

# Details

The Hex color **C68AF5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B9F58A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC1FF**, and **8E56BC** is the 20% darker color. If you saturate the color by 10%, you get **BB71F5**, and if you desaturate by 10%, it is **D1A3F5**.

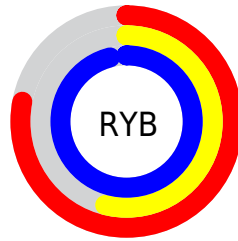
# Distribution



Red (78%)

Green (54%)

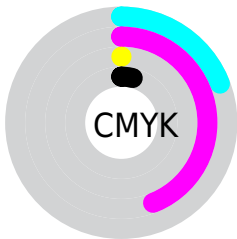
Blue (96%)



Red (78%)

Yellow (54%)

Blue (96%)

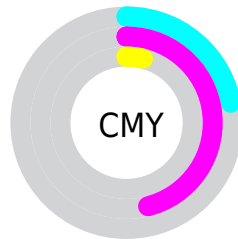


Cyan (19%)

Magenta (44%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (46%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C68AF5 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 C68AF5 by changing the saturation by 10% instead.



 C68AF5

 C68AF5

FFFFFF

 AA70D8

 FFC1FF

 8E56BC

 FFDDFF

 733EA1

 FFFAFF

 582586

 3E0A6C

 230054

 09003C

 000225

 00010D

 C68AF5

 C68AF5

 BB71F5

 D1A3F5

 B059F5

 DCBBF5

 A640F5

 E6D3F5

 9B28F5

 F1ECF5

 900FF5

 FCFFF5

 8900F5

 FFFFF5

# Harmonies

## Analogous

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



67A1FF



C68AF5



F875C5

# Triad

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



C68AF5



DB9533



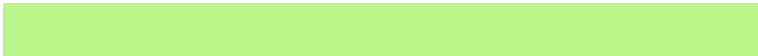
00BEBB

# Complementary

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



C68AF5



B9F58A

# 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.



00BC81



C68AF5



AAA82C

# Square

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



C68AF5



FD7F59



6BB54D



00BBEE

# Rectangle

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



C68AF5



FF6FA0



6BB54D



00BEA8



# Sweetspot

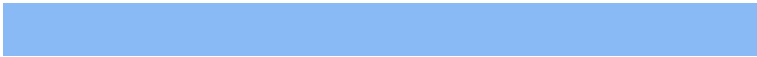
The Sweet Spot groups the original color and five complimentary colors.



C68AF5



F0DEFF



8ABAF5



776B80



000000



808080



# Same Dimension

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



C68AF5



C57AFF



F58AF0



756E7A



6800BA



21003B



# Inverse Universe

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



F58AB9



FF7AB5



8AF58F



7A6E74



BA0052

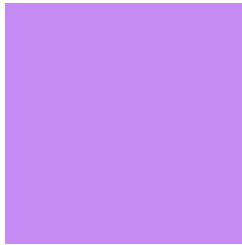


3B001A



# Previews

## White Background



This preview shows how the Hex color C68AF5 looks on a white background.

## Color Contrast Check

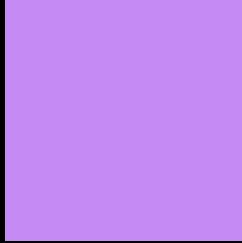
Large Text (above 18pt) WCAG AA × Fail

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 C68AF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

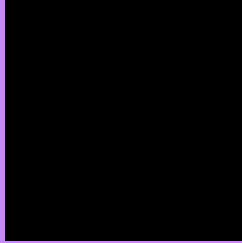
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C68AF5 Background



This preview shows how black text looks on a background with the Hex color C68AF5.

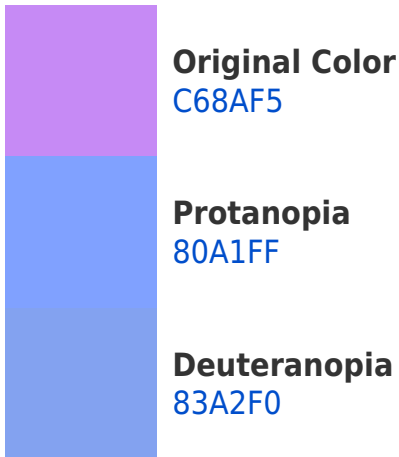


This preview shows how white text looks on a background with the Hex color C68AF5.

# 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**  
B99BA7

# Trichromacy



**Original Color**  
C68AF5



**Protanomaly**  
9999FB



**Deuteranomaly**  
9B99F2



**Tritanomaly**  
BE95C3

# Monochromacy



**Original Color**  
C68AF5



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
B39DC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C68AF5 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 #C68AF5 looks like.

```
.text, #text, p{  
    color:#C68AF5  
}
```

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 #C68AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68AF5
}
```

## Border

The CSS property to change the border of an element to Hex C68AF5 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
#C68AF5 }
```

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

```
.border{ border-color:#C68AF5 }
```

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

Here you see how a box with a 4 pixel #C68AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68AF5; -webkit-box-shadow:4px 4px  
4px 4px #C68AF5; box-shadow:4px 4px 4px  
4px #C68AF5 }
```

# Background

The CSS property to change the background color of an element to Hex C68AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68AF5 }
```

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

```
.background{ background-color:#C68AF5 }
```

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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