

# Converting Colors

Hex(C868C5)

Have a look what the booklet for  
Hex(C868C5) contains.

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# Color

Hex(C868C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C868C5
RGB	200, 104, 197
RGB Percent	78%, 41%, 77%
CMY	0.2157, 0.5922, 0.2275
CMYK	0.00, 0.48, 0.01, 0.22
HSL	302°, 47%, 60%
HSV	302°, 48%, 78%
XYZ	38.8478, 26.2112, 55.8351
YIQ	143.3060, 27.3630, 49.2750

# Conversions

## Conversions Part 2

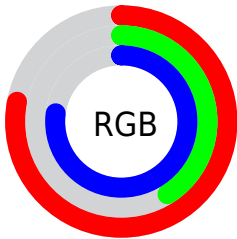
Format	Color
R <sub>Y</sub> B	200, 104, 197
Decimal	13134021
CIE Lab	58.24, 51.07, -32.09
CIE LCh	58, 60.318, 327.860
Yxy	26.2112, 0.3213, 0.2168
Android (android.graphics.Color)	4291324101 (0xFFC868C5)
YUV	143.3060, 26.4711, 49.7206
Hunter-Lab	51.1969, 45.8498, -28.8236

# Details

The Hex color **C868C5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **68C86B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF9EFE**, and **90338F** is the 20% darker color. If you saturate the color by 10%, you get **C854C4**, and if you desaturate by 10%, it is **C87CC6**.

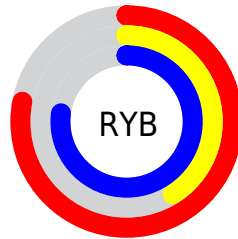
# Distribution



Red (78%)

Green (41%)

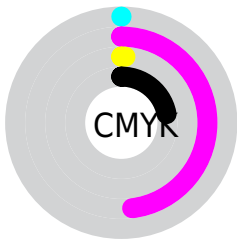
Blue (77%)



Red (78%)

Yellow (41%)

Blue (77%)

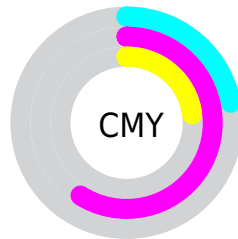


Cyan (0%)

Magenta (48%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (59%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C868C5 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 C868C5 by changing the saturation by 10% instead.



 C868C5

 C868C5

FFFFFF

 AC4DAA

 FF9EFE

 90338F

 FFBAFF

 751475

 FFD7FF

 5A005C

 FFF4FF

 400044

 2A002D

 000117

 000000

 C868C5

 C868C5

 C854C4

 C87CC6

 C840C4

 C890C6

 C82CC3

 C8A4C7

 C818C3

 C8B8C8

 C804C2

 C8CCC8

 C800C2

 C8E0C9

 C8F4C9

 C8FFCA

 C8FFCB

# Harmonies

## Analogous

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



8480EA



C868C5



E75992

# Triad

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



C868C5



AA8810



00A4BC

# Complementary

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



C868C5



68C86B

# 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.



00A586



C868C5



769723

# Square

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



C868C5



D27331



22A051



009FE5

# Rectangle

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



C868C5



EB5A6F



22A051



00A5AB



# Sweetspot

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



C868C5



FFDBFE



6A68C8



806A7F



000000



808080



# Same Dimension

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



C868C5



FF6BFA



C86896



635A63



A3009E



240023



# Inverse Universe

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



C868C5



FF6BFA



68C89A



635A63



A3009E



240023



# Previews

## White Background



This preview shows how the Hex color C868C5 looks on a white background.

## Color Contrast Check

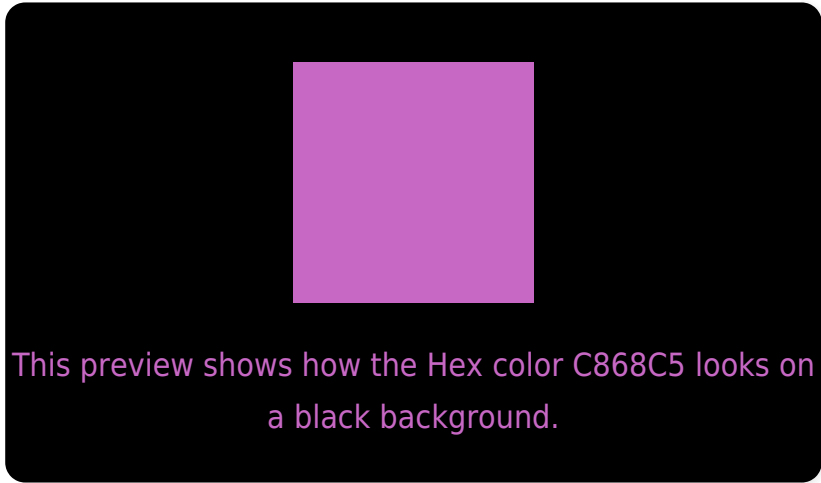
Large Text (above 18pt) WCAG AA ✓ Pass

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

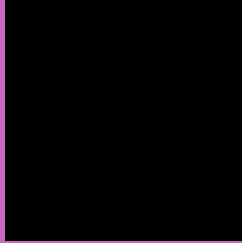
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C868C5 Background



This preview shows how black text looks on a background with the Hex color C868C5.

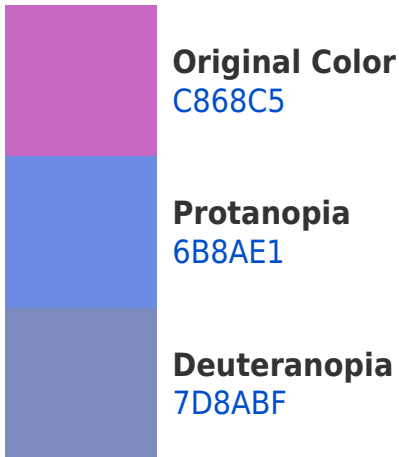


This preview shows how white text looks on a background with the Hex color C868C5.

# 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](#).

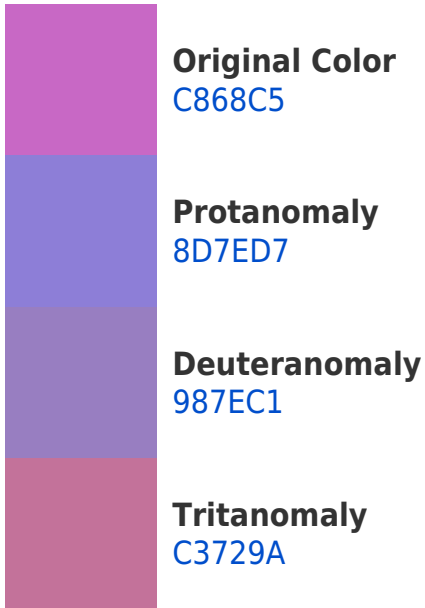
## Dichromacy



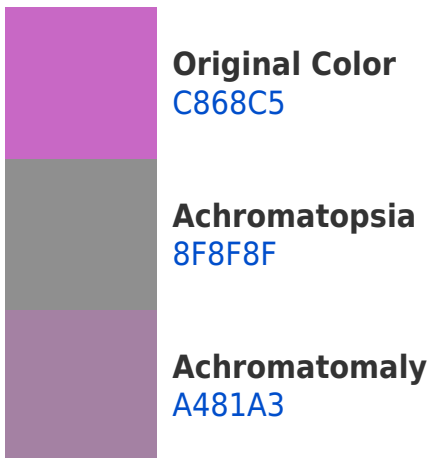


**Tritanopia**  
C07881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C868C5 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 #C868C5 looks like.

```
.text, #text, p{  
    color:#C868C5  
}
```

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 #C868C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C868C5
}
```

## Border

The CSS property to change the border of an element to Hex C868C5 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
#C868C5 }
```

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

```
.border{ border-color:#C868C5 }
```

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

Here you see how a box with a 4 pixel #C868C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C868C5; -webkit-box-shadow:4px 4px  
4px 4px #C868C5; box-shadow:4px 4px 4px  
4px #C868C5 }
```

# Background

The CSS property to change the background color of an element to Hex C868C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C868C5 }
```

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

```
.background{ background-color:#C868C5 }
```

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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