

Converting Colors

Hex(C862C4)

Have a look what the booklet for
Hex(C862C4) contains.

Hex(C862C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C862C4)

Conversions

Conversions Part 1

Format	Color
Hex	C862C4
RGB	200, 98, 196
RGB Percent	78%, 38%, 77%
CMY	0.2157, 0.6157, 0.2314
CMYK	0.00, 0.51, 0.02, 0.22
HSL	302°, 48%, 58%
HSV	302°, 51%, 78%
XYZ	38.1509, 25.0002, 55.0393
YIQ	139.6700, 29.3340, 52.1020

Conversions

Conversions Part 2

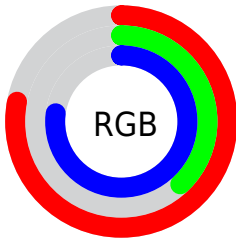
Format	Color
R _{YB}	200, 98, 196
Decimal	13132484
CIE _{Lab}	57.08, 53.85, -33.33
CIE _{LCh}	57, 63.327, 328.247
Yxy	25.0002, 0.3228, 0.2115
Android (android.graphics.Color)	4291322564 (0xFFC862C4)
YUV	139.6700, 27.7707, 52.9094
Hunter-Lab	50.0002, 48.6976, -30.2651

Details

The Hex color **C862C4** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62C866**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF98FD**, and **902B8E** is the 20% darker color. If you saturate the color by 10%, you get **C84EC3**, and if you desaturate by 10%, it is **C876C5**.

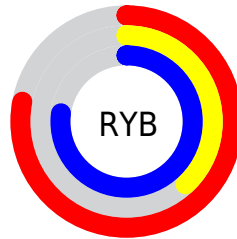
Distribution



Red (78%)

Green (38%)

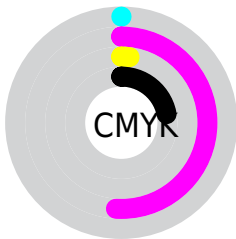
Blue (77%)



Red (78%)

Yellow (38%)

Blue (77%)

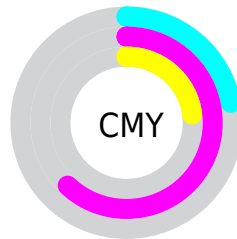


Cyan (0%)

Magenta (51%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color C862C4 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 C862C4 by changing the saturation by 10% instead.

 C862C4

 C862C4

FFFFFF

 AB47A9

 FF98FD

 902B8E

 FFB4FF

 740674

 FFD1FF

 59005B

 FFEEFF

 3F0043

 28002C

 000116

 000000

 C862C4

 C862C4

 C84EC3

 C876C5

 C83AC2

 C88AC6

 C826C2

 C89EC6

 C812C1

 C8B2C7

 C800C0

 C8C6C8

 C8DAC9

 C8EEC9

 C8FFCA

 C8FFCB

Harmonies

Analogous

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



817CEB



C862C4



E8518F

Triad

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



C862C4



A68500



00A2BC

Complementary

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



C862C4



62C866

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.



00A284



C862C4



709517

Square

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



C862C4



D06F28



029E4B



009DE7

Rectangle

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



C862C4



EC536A



029E4B



00A3AA

Sweetspot

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



C862C4



FFD9FE



6562C8



80697F



000000



808080

Same Dimension

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



C862C4



FF63F9



C86292



635A63



A3009D



240022

Inverse Universe

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



C862C4



FF63F9



62C898



635A63



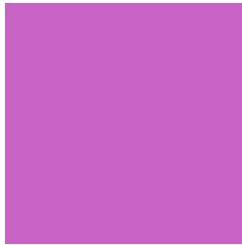
A3009D



240022

Previews

White Background



This preview shows how the Hex color C862C4 looks on a white background.

Color Contrast Check

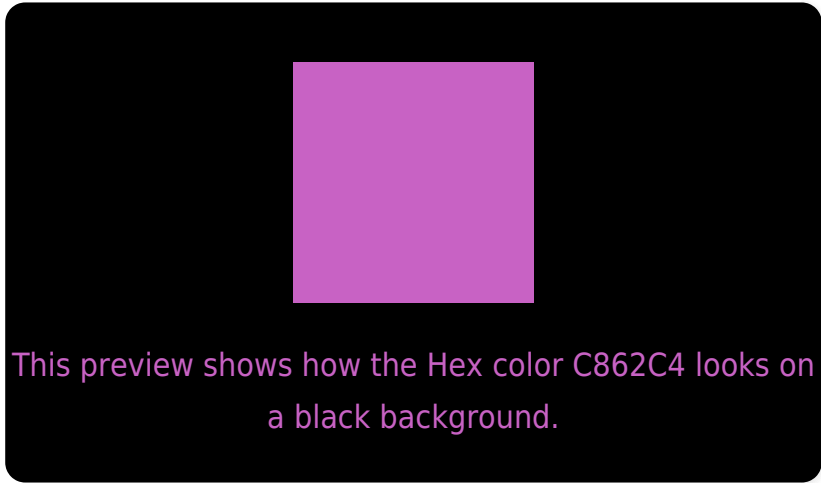
Large Text (above 18pt) WCAG AA ✓ Pass

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

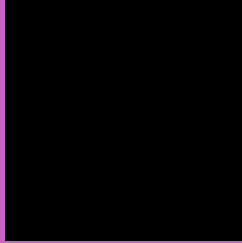
Any Text WCAG AA ✓ Pass

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 C862C4 Background



This preview shows how black text looks on a background with the Hex color C862C4.




This preview shows how white text looks on a background with the Hex color C862C4.

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](#).

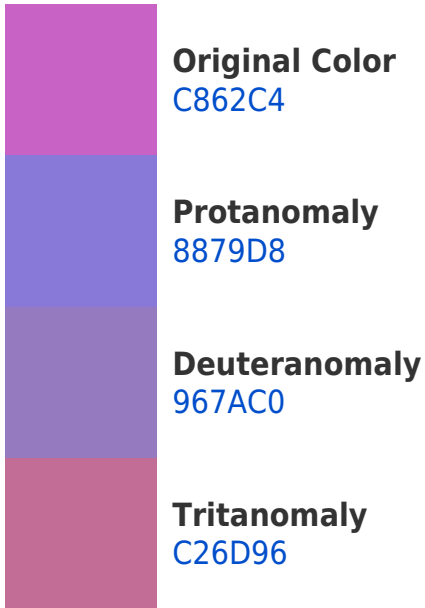
Dichromacy



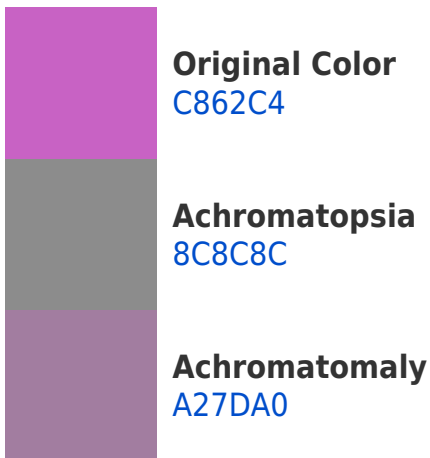


Tritanopia
BF737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C862C4 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 #C862C4 looks like.

```
.text, #text, p{  
    color:#C862C4  
}
```

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 #C862C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C862C4
}
```

Border

The CSS property to change the border of an element to Hex C862C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

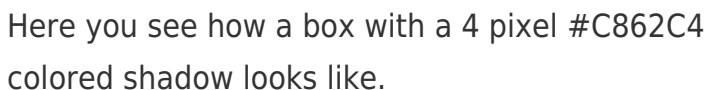
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C862C4 }
```

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

```
.border{ border-color:#C862C4 }
```

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



Here you see how a box with a 4 pixel `#C862C4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C862C4; -webkit-box-shadow:4px 4px  
4px 4px #C862C4; box-shadow:4px 4px 4px  
4px #C862C4 }
```

Background

The CSS property to change the background color of an element to Hex C862C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C862C4 }
```

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

```
.background{ background-color:#C862C4 }
```

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