

Converting Colors

Hex(C870B2)

Have a look what the booklet for
Hex(C870B2) contains.

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Color

Hex(C870B2)

Conversions

Conversions Part 1

Format	Color
Hex	C870B2
RGB	200, 112, 178
RGB Percent	78%, 44%, 70%
CMY	0.2157, 0.5608, 0.3020
CMYK	0.00, 0.44, 0.11, 0.22
HSL	315°, 44%, 61%
HSV	315°, 44%, 78%
XYZ	37.6495, 27.0821, 45.3625
YIQ	145.8360, 31.2620, 39.1820

Conversions

Conversions Part 2

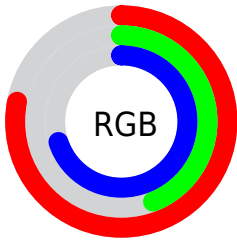
Format	Color
R _Y B	200, 112, 178
Decimal	13136050
CIE Lab	59.05, 43.71, -19.98
CIE LCh	59, 48.063, 335.440
Yxy	27.0821, 0.3420, 0.2460
Android (android.graphics.Color)	4291326130 (0xFFC870B2)
YUV	145.8360, 15.8569, 47.5018
Hunter-Lab	52.0404, 38.0679, -15.2535

Details

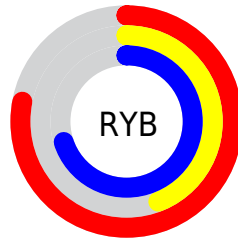
The Hex color **C870B2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70C886**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA6EA**, and **903C7D** is the 20% darker color. If you saturate the color by 10%, you get **C85CAD**, and if you desaturate by 10%, it is **C884B7**.

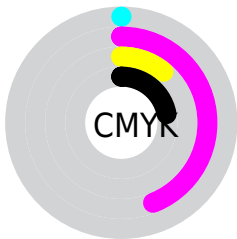
Distribution



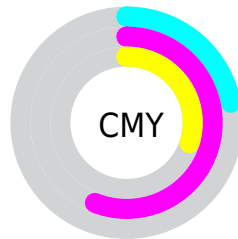
- Red (78%)
- Green (44%)
- Blue (70%)



- Red (78%)
- Yellow (44%)
- Blue (70%)



- Cyan (0%)
- Magenta (44%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C870B2 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 C870B2 by changing the saturation by 10% instead.

 C870B2

 C870B2

FFFFFF

 AC5697

 FFA6EA

 903C7D

 FFC2FF

 752264

 FFDEFF

 5B014C

 FFBFF

 410035

 2C0020

 000003

 000000

 C870B2

 C870B2

 C85CAD

 C884B7

 C848A8

 C898BC

 C834A3

 C8ACC1

 C8209E

 C8C0C6

 C80C99

 C8D4CB

 C80096

 C8E8D0

 C8FCD5

 C8FFDA

 C8FFDF

Harmonies

Analogous

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



9B80D3



C870B2



DC6988

Triad

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



C870B2



9F8E36



00A2BE

Complementary

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



C870B2



70C886

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.



00A395



C870B2



739A46

Square

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



C870B2



C27F41



34A169



009CDA

Rectangle

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



C870B2



DC6C6C



34A169



00A3B1

Sweetspot

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



C870B2



FFDEF7



8670C8



806B7A



000000



808080

Same Dimension

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



C870B2



FF78DD



C87086



635A61



A3007A



24001B

Inverse Universe

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



C870B2



FF78DD



70C8B2



635A61



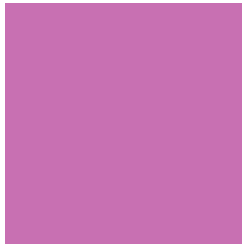
A3007A



24001B

Previews

White Background



This preview shows how the Hex color C870B2 looks on a white background.

Color Contrast Check

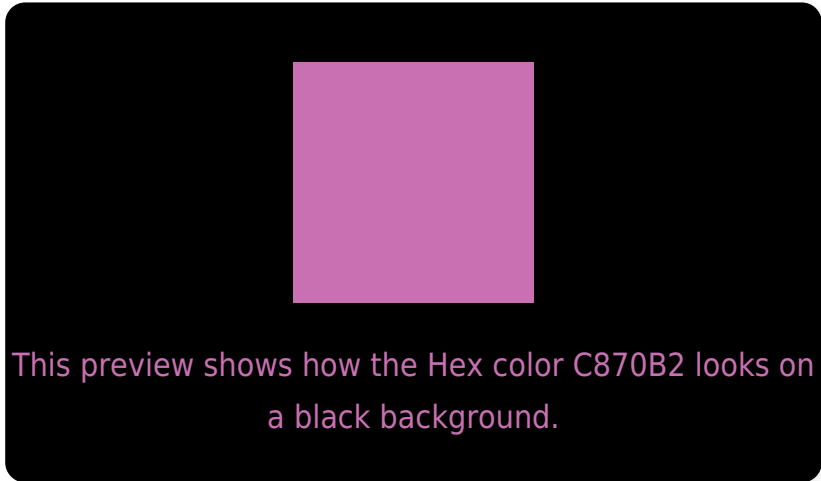
Large Text (above 18pt) WCAG AA ✓ Pass

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 C870B2 Background



This preview shows how black text looks on a background with the Hex color C870B2.

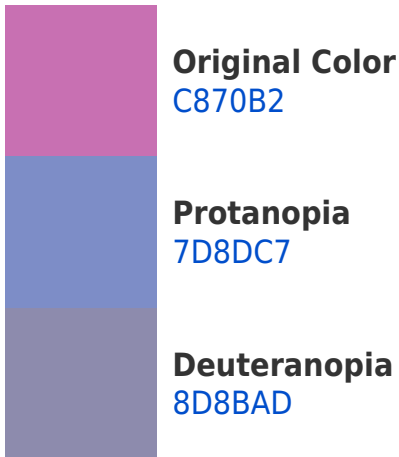



This preview shows how white text looks on a background with the Hex color C870B2.

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](#).

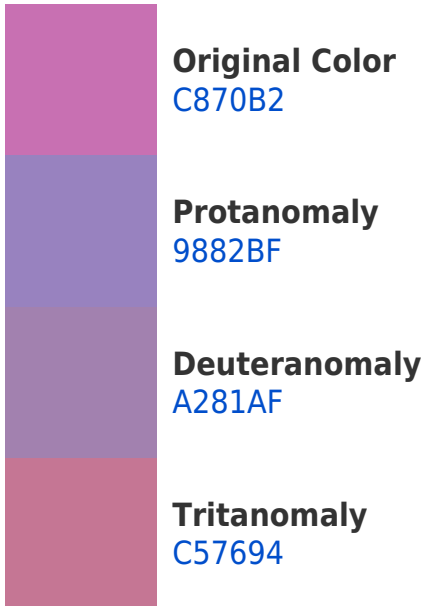
Dichromacy





Tritanopia
C37A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C870B2 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 #C870B2 looks like.

```
.text, #text, p{  
    color:#C870B2  
}
```

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 #C870B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C870B2
}
```

Border

The CSS property to change the border of an element to Hex C870B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

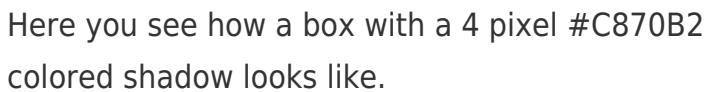
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C870B2 }
```

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

```
.border{ border-color:#C870B2 }
```

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



Here you see how a box with a 4 pixel `#C870B2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C870B2; -webkit-box-shadow:4px 4px  
4px 4px #C870B2; box-shadow:4px 4px 4px  
4px #C870B2 }
```

Background

The CSS property to change the background color of an element to Hex C870B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C870B2 }
```

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

```
.background{ background-color:#C870B2 }
```

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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