

Converting Colors

Hex(C470B2)

Have a look what the booklet for
Hex(C470B2) contains.

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Color

Hex(C470B2)

Conversions

Conversions Part 1

Format	Color
Hex	C470B2
RGB	196, 112, 178
RGB Percent	77%, 44%, 70%
CMY	0.2314, 0.5608, 0.3020
CMYK	0.00, 0.43, 0.09, 0.23
HSL	313°, 42%, 60%
HSV	313°, 43%, 77%
XYZ	36.5950, 26.5385, 45.3131
YIQ	144.6400, 28.8780, 38.3340

Conversions

Conversions Part 2

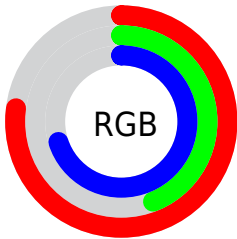
Format	Color
R_{YB}	196, 112, 178
Decimal	12873906
CIE _{Lab}	58.54, 42.43, -20.79
CIE _{LCh}	59, 47.254, 333.892
Yxy	26.5385, 0.3374, 0.2447
Android (android.graphics.Color)	4291063986 (0xFFC470B2)
YUV	144.6400, 16.4465, 45.0427
Hunter-Lab	51.5155, 36.6487, -16.0908

Details

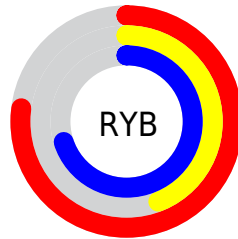
The Hex color **C470B2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70C482**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FEA6EA**, and **8C3D7D** is the 20% darker color. If you saturate the color by 10%, you get **C45CAE**, and if you desaturate by 10%, it is **C484B6**.

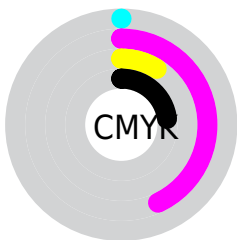
Distribution



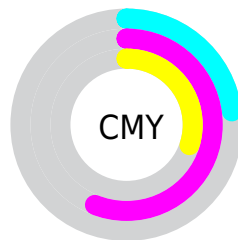
- Red (77%)
- Green (44%)
- Blue (70%)



- Red (77%)
- Yellow (44%)
- Blue (70%)



- Cyan (0%)
- Magenta (43%)
- Yellow (9%)
- Black (23%)



- Cyan (23%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C470B2 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 C470B2 by changing the saturation by 10% instead.

 C470B2

 C470B2

FFFFFF

 A85697

 FEA6EA

 8C3D7D

 FFC1FF

 722364

 FFDEFF

 58034C

 FFFBFF

 3E0035

 290020

 000003

 000000

 C470B2

 C470B2

 C45CAE

 C484B6

 C449AA

 C497BA

 C435A5

 C4ABBF

 C422A1

 C4BEC3

 C40E9D

 C4D2C7

 C4009A

 C4E6CB

 C4F9CF

 C4FFD4

 C4FFD8

Harmonies

Analogous

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



9680D2



C470B2



D96989

Triad

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



C470B2



9F8C36



00A0BA

Complementary

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



C470B2



70C482

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.



00A291



C470B2



749845

Square

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



C470B2



C17D42



3A9F67



009BD7

Rectangle

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



C470B2



D96B6E



3A9F67



00A1AD

Sweetspot

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



C470B2



FFDEF8



8170C4



806B7B



000000



808080

Same Dimension

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



C470B2



FF7DE3



C47089



61575F



A1007E



21001A

Inverse Universe

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



C470B2



FF7DE3



70C4AB



61575F



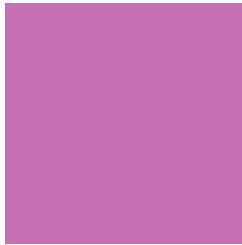
A1007E



21001A

Previews

White Background



This preview shows how the Hex color C470B2 looks on a white background.

Color Contrast Check

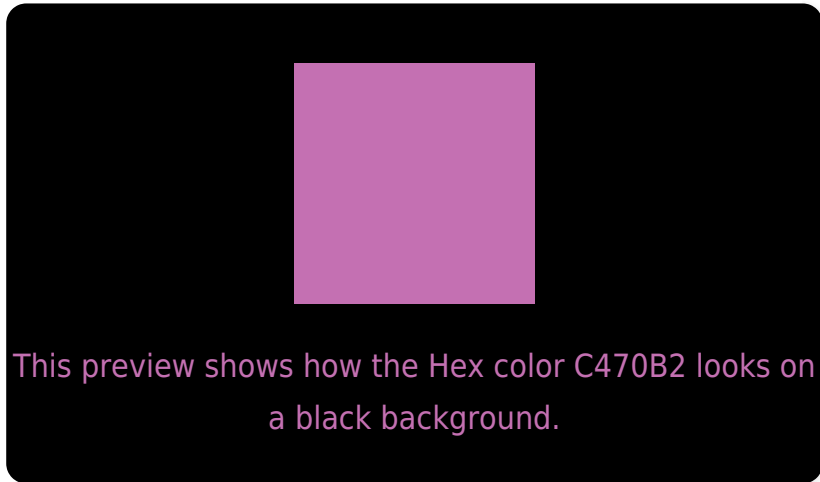
Large Text (above 18pt) WCAG AA ✓ Pass

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

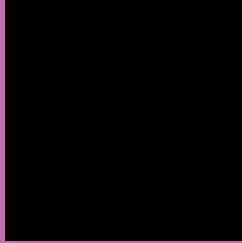
Any Text WCAG AA ✓ Pass

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 C470B2 Background



This preview shows how black text looks on a background with the Hex color C470B2.

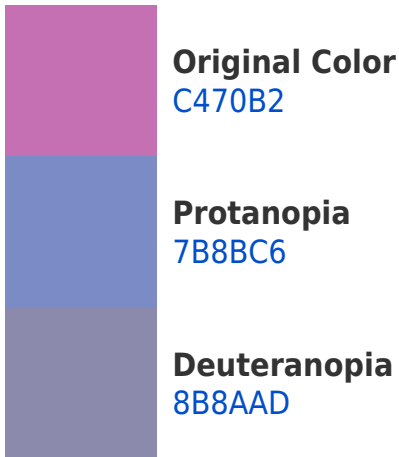



This preview shows how white text looks on a background with the Hex color C470B2.

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](#).

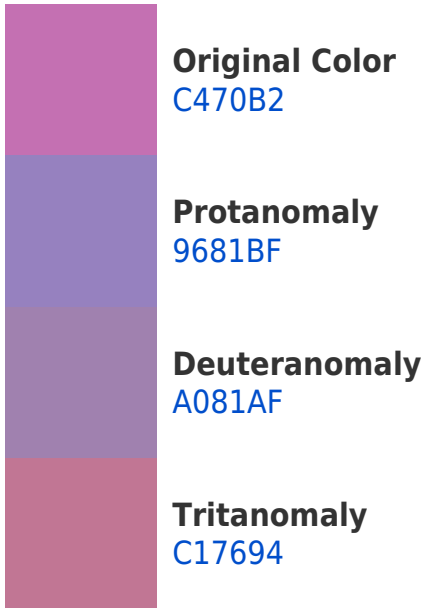
Dichromacy





Tritanopia
BF7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C470B2 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 #C470B2 looks like.

```
.text, #text, p{  
    color:#C470B2  
}
```

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 #C470B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C470B2
}
```

Border

The CSS property to change the border of an element to Hex C470B2 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
#C470B2 }
```

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

```
.border{ border-color:#C470B2 }
```

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

Here you see how a box with a 4 pixel #C470B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C470B2; -webkit-box-shadow:4px 4px  
4px 4px #C470B2; box-shadow:4px 4px 4px  
4px #C470B2 }
```

Background

The CSS property to change the background color of an element to Hex C470B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C470B2 }
```

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

```
.background{ background-color:#C470B2 }
```

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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