

Converting Colors

Hex(C47BDC)

Have a look what the booklet for
Hex(C47BDC) contains.

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Color

Hex(C47BDC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C47BDC |
| RGB | 196, 123, 220 |
| RGB Percent | 77%, 48%, 86% |
| CMY | 0.2314, 0.5176, 0.1373 |
| CMYK | 0.11, 0.44, 0.00, 0.14 |
| HSL | 285°, 58%, 67% |
| HSV | 285°, 44%, 86% |
| XYZ | 42.7662, 31.0690, 71.4530 |
| YIQ | 155.8850, 12.3710, 45.6430 |

Conversions

Conversions Part 2

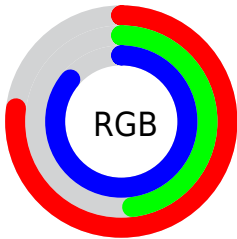
| Format | Color |
|-------------------------------------|--|
| RYB | 196, 123, 220 |
| Decimal | 12876764 |
| CIELab | 62.57, 44.49, -38.34 |
| CIELCh | 63, 58.735, 319.248 |
| Yxy | 31.0690, 0.2944, 0.2138 |
| Android (android.graphics.Color) | 4291066844 (0xFFC47BDC) |
| YUV | 155.8850, 31.6087, 35.1809 |
| Hunter-Lab | 55.7396, 39.4099, -36.9867 |

Details

The Hex color **C47BDC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **93DC7B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FEB1FF**, and **8C47A5** is the 20% darker color. If you saturate the color by 10%, you get **BF65DC**, and if you desaturate by 10%, it is **C991DC**.

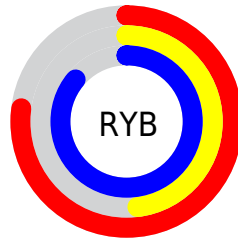
Distribution



Red (77%)

Green (48%)

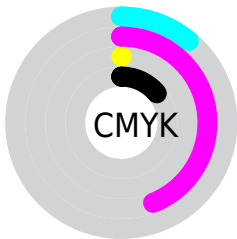
Blue (86%)



Red (77%)

Yellow (48%)

Blue (86%)

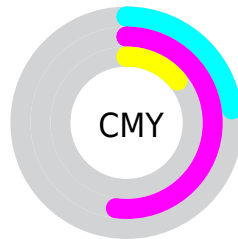


Cyan (11%)

Magenta (44%)

Yellow (0%)

Black (14%)



Cyan (23%)

Magenta (52%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color C47BDC 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 C47BDC by changing the saturation by 10% instead.

 C47BDC

 C47BDC

FFFFFF

 A861C0

 FEB1FF

 8C47A5

 FFCDFE

 722E8A

 FFEAFF

 571370

 3E0057

 26003F

 000029

 000112

 000000

 C47BDC

 C47BDC

 BF65DC

 C991DC

 B94FDC

 CFA7DC

 B439DC

 D4BDDC

 AE23DC

 DAD3DC

 A90DDC

 DFE9DC

 A600DC

 E5FFDC

 EAFFDC

 F0FFDC

 F5FFDC

Harmonies

Analogous

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



7691FA



C47BDC



ED69AC

Triad

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



C47BDC



C38E29



00B0B8

Complementary

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



C47BDC



93DC7B

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.



00AF82



C47BDC



939F2B

Square

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



C47BDC



E6794A



53AA4F



00ADE5

Rectangle

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



C47BDC



F66789



53AA4F



00B1A6

Sweetspot

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



C47BDC



F7DEFF



7B93DC



7A6B80



000000



808080

Same Dimension

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



C47BDC



DE78FF



DC7BC4



6B636E



8200AD



23002E

Inverse Universe

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



DC7B93



FF7899



7BDC93



6E6365



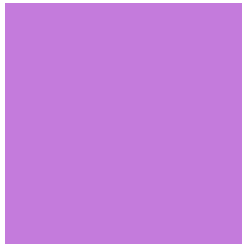
AD002B



2E000B

Previews

White Background



This preview shows how the Hex color C47BDC looks on a white background.

Color Contrast Check

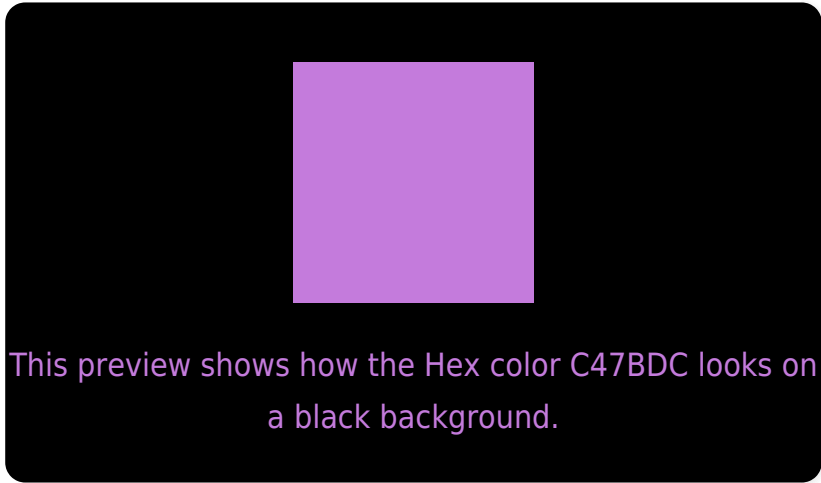
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

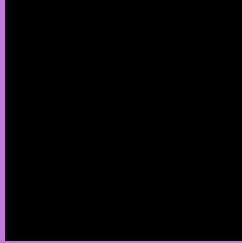
Any Text WCAG AA ✓ Pass

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 C47BDC Background



This preview shows how black text looks on a background with the Hex color C47BDC.

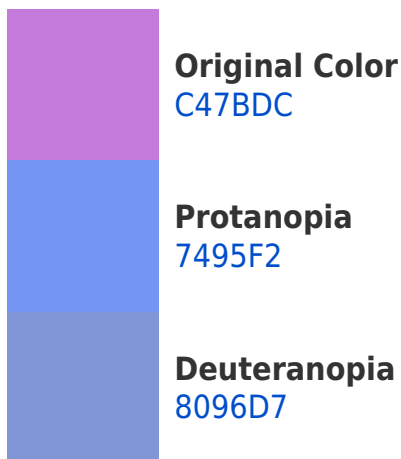


This preview shows how white text looks on a background with the Hex color C47BDC.

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](#).

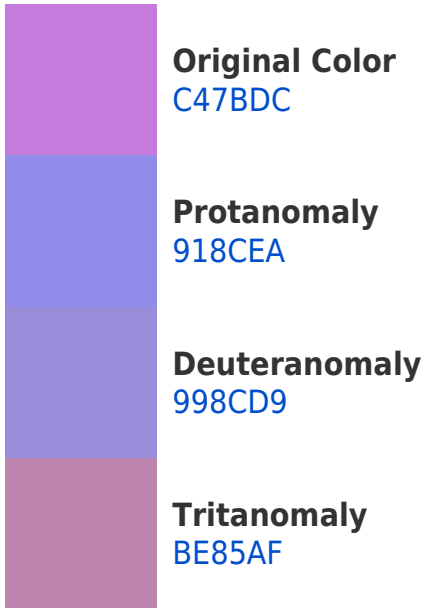
Dichromacy



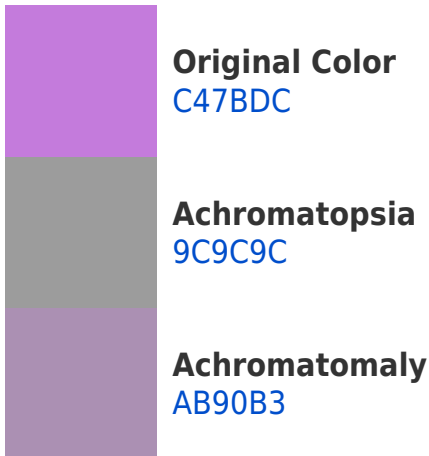


Tritanopia
BA8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C47BDC 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 #C47BDC looks like.

```
.text, #text, p{  
    color:#C47BDC  
}
```

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 #C47BDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47BDC
}
```

Border

The CSS property to change the border of an element to Hex C47BDC 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
#C47BDC }
```

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

```
.border{ border-color:#C47BDC }
```

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

Here you see how a box with a 4 pixel #C47BDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47BDC; -webkit-box-shadow:4px 4px  
4px 4px #C47BDC; box-shadow:4px 4px 4px  
4px #C47BDC }
```

Background

The CSS property to change the background color of an element to Hex C47BDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47BDC }
```

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

```
.background{ background-color:#C47BDC }
```

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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