

Converting Colors

Hex(C480DF)

Have a look what the booklet for
Hex(C480DF) contains.

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Color

Hex(C480DF)

Conversions

Conversions Part 1

Format	Color
Hex	C480DF
RGB	196, 128, 223
RGB Percent	77%, 50%, 87%
CMY	0.2314, 0.4980, 0.1255
CMYK	0.12, 0.43, 0.00, 0.13
HSL	283°, 60%, 69%
HSV	283°, 43%, 87%
XYZ	43.8034, 32.5018, 73.7768
YIQ	159.1620, 10.0330, 43.9610

Conversions

Conversions Part 2

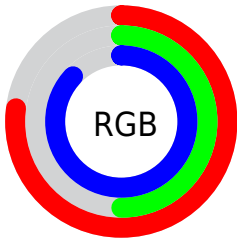
Format	Color
RYB	196, 128, 223
Decimal	12878047
CIELab	63.76, 42.44, -38.15
CIELCh	64, 57.069, 318.043
Yxy	32.5018, 0.2919, 0.2166
Android (android.graphics.Color)	4291068127 (0xFFC480DF)
YUV	159.1620, 31.4721, 32.3069
Hunter-Lab	57.0104, 37.3807, -36.8196

Details

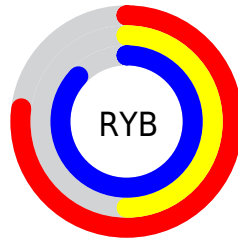
The Hex color **C480DF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9BDF80**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FEB6FF**, and **8C4DA7** is the 20% darker color. If you saturate the color by 10%, you get **BE6ADF**, and if you desaturate by 10%, it is **CA96DF**.

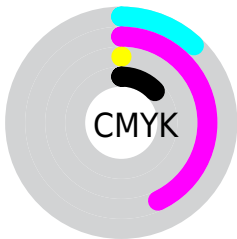
Distribution



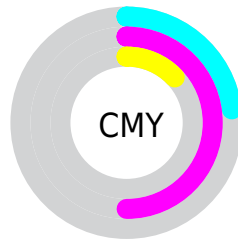
- Red (77%)
- Green (50%)
- Blue (87%)



- Red (77%)
- Yellow (50%)
- Blue (87%)



- Cyan (12%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C480DF 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 C480DF by changing the saturation by 10% instead.

 C480DF

 C480DF

FFFFFF

 A866C3

 FEB6FF

 8C4DA7

 FFD2FF

 72348D

 FFEFFF

 581A73

 3E005A

 260042

 03002B

 000115

 000000

 C480DF

 C480DF

 BE6ADF

 CA96DF

 B753DF

 D1ADDF

 B13DDF

 D7C3DF

 AB27DF

 DDD9DF

 A410DF

 E4F0DF

 A000DF

 EAFFDF

 F0FFDF

 F7FFDF

 FDFFDF

Harmonies

Analogous

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



7795FB



C480DF



ED6FB1

Triad

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



C480DF



C79131



00B3B8

Complementary

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



C480DF



9BDF80

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.



00B284



C480DF



98A132

Square

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



C480DF



E97D50



5CAC53



00B0E5

Rectangle

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



C480DF



F76C8F



5CAC53



00B3A7

Sweetspot

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



C480DF



F6DEFF



809CDF



7A6B80



000000



808080

Same Dimension

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



C480DF



DA7DFF



DF80CC



6D6570



7E00B0



230030

Inverse Universe

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



DF809B



FF7DA2



80DF93



706568



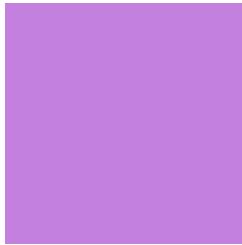
B00032



30000E

Previews

White Background



This preview shows how the Hex color C480DF looks on a white background.

Color Contrast Check

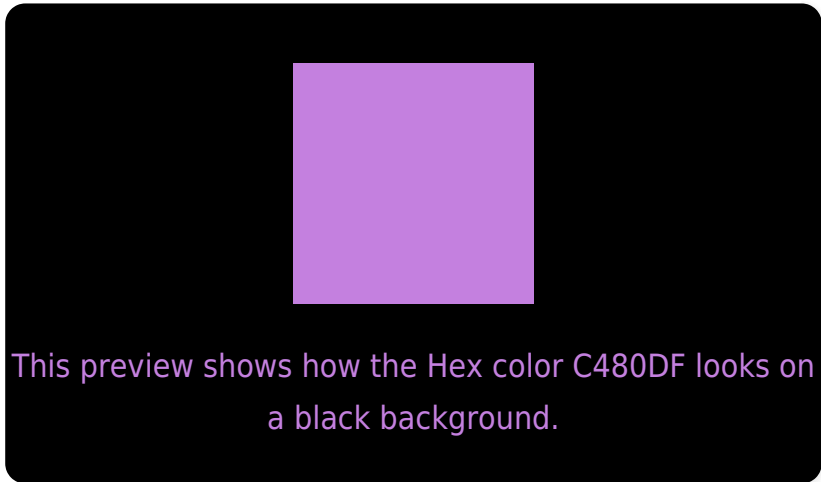
Large Text (above 18pt) WCAG AA × Fail

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 C480DF Background



This preview shows how black text looks on a background with the Hex color C480DF.

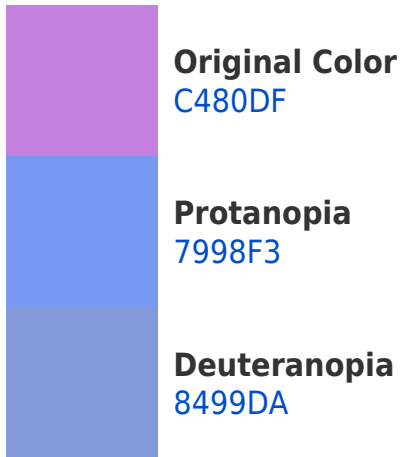


This preview shows how white text looks on a background with the Hex color C480DF.

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
BA8F9A

Trichromacy



Original Color
C480DF



Protanomaly
948FEC



Deuteranomaly
9B90DC



Tritanomaly
BE8AB3

Monochromacy



Original Color
C480DF



Achromatopsia
9F9F9F



Achromatomaly
AC94B6

CSS Examples

Text

The CSS property to change the color of the text to Hex C480DF 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 #C480DF looks like.

```
.text, #text, p{  
    color:#C480DF  
}
```

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 #C480DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C480DF
}
```

Border

The CSS property to change the border of an element to Hex C480DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

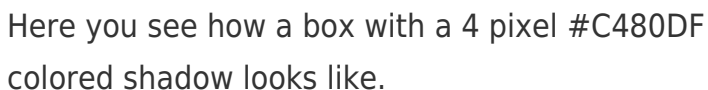
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C480DF }
```

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

```
.border{ border-color:#C480DF }
```

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



Here you see how a box with a 4 pixel `#C480DF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C480DF; -webkit-box-shadow:4px 4px  
4px 4px #C480DF; box-shadow:4px 4px 4px  
4px #C480DF }
```

Background

The CSS property to change the background color of an element to Hex C480DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C480DF }
```

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

```
.background{ background-color:#C480DF }
```

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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