

Converting Colors

Hex(C878DB)

Have a look what the booklet for
Hex(C878DB) contains.

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Color

Hex(C878DB)

Conversions

Conversions Part 1

Format	Color
Hex	C878DB
RGB	200, 120, 219
RGB Percent	78%, 47%, 86%
CMY	0.2157, 0.5294, 0.1412
CMYK	0.09, 0.45, 0.00, 0.14
HSL	288°, 58%, 66%
HSV	288°, 45%, 86%
XYZ	43.3221, 30.8268, 70.6847
YIQ	155.2060, 15.9010, 47.7490

Conversions

Conversions Part 2

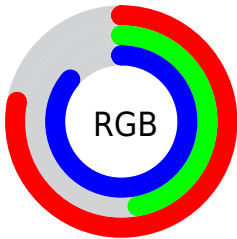
Format	Color
RYB	200, 120, 219
Decimal	13138139
CIELab	62.36, 47.03, -38.07
CIElCh	62, 60.507, 321.010
Yxy	30.8268, 0.2991, 0.2128
Android (android.graphics.Color)	4291328219 (0xFFC878DB)
YUV	155.2060, 31.4504, 39.2843
Hunter-Lab	55.5219, 42.1150, -36.6166

Details

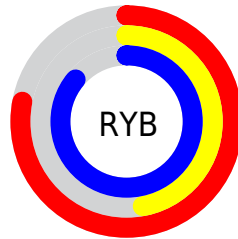
The Hex color **C878DB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8BDB78**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFAEFF**, and **9044A4** is the 20% darker color. If you saturate the color by 10%, you get **C462DB**, and if you desaturate by 10%, it is **CC8EDB**.

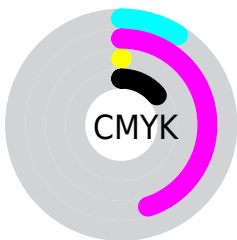
Distribution



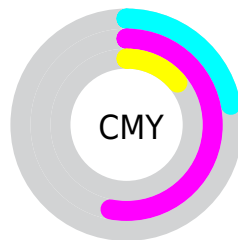
- Red (78%)
- Green (47%)
- Blue (86%)



- Red (78%)
- Yellow (47%)
- Blue (86%)



- Cyan (9%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (53%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color C878DB 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 C878DB by changing the saturation by 10% instead.

 C878DB

 C878DB

FFFFFF

 AC5EBF

 FFAEFF

 9044A4

 FFCAFF

 752A89

 FFE7FF

 5B0C6F

 410056

 29003F

 040028

 000111

 000000

 C878DB

 C878DB

 C462DB

 CC8EDB

 C04CDB

 D0A4DB

 BB36DB

 D5BADB

 B720DB

 D9D0DB

 B30BDB

 DDE5DB

 B100DB

 E1FBDB

 E5FFDB

 EAFFDB

 EEFFDB

Harmonies

Analogous

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



7A8FFB



C878DB



F066A9

Triad

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



C878DB



C08E22



00B0BC

Complementary

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



C878DB



8BDB78

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.



00AF84



C878DB



8E9F27

Square

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



C878DB



E67944



4BAA4F



00ACE9

Rectangle

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



C878DB



F86485



4BAA4F



00B1AA

Sweetspot

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



C878DB



F8DBFF



788CDB



7B6A80



000000



808080

Same Dimension

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



C878DB



E575FF



DB78BD



6C636E



8C00AD



25002E

Inverse Universe

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



DB788B



FF7590



78DB96



6E6365



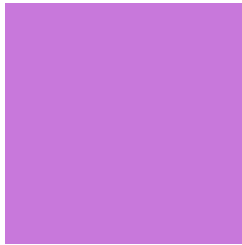
AD0021



2E0009

Previews

White Background



This preview shows how the Hex color C878DB 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 C878DB Background



This preview shows how black text looks on a background with the Hex color C878DB.

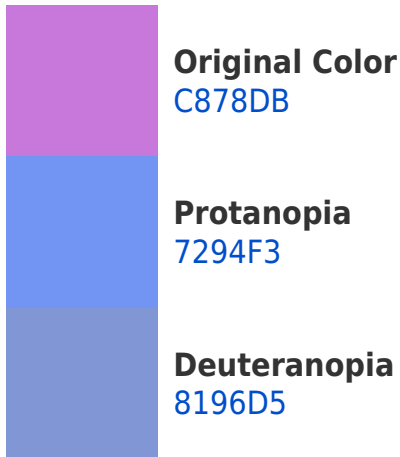


This preview shows how white text looks on a background with the Hex color C878DB.

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](#).

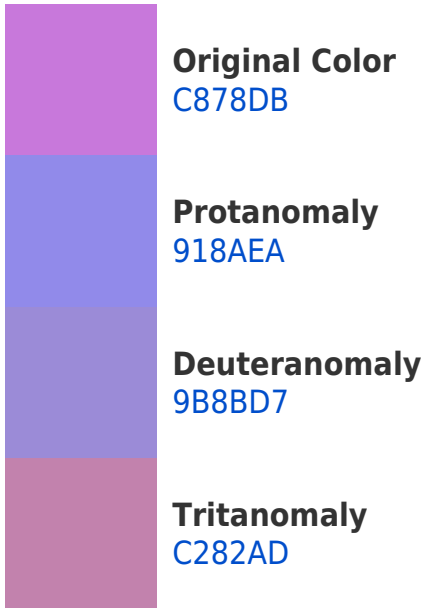
Dichromacy



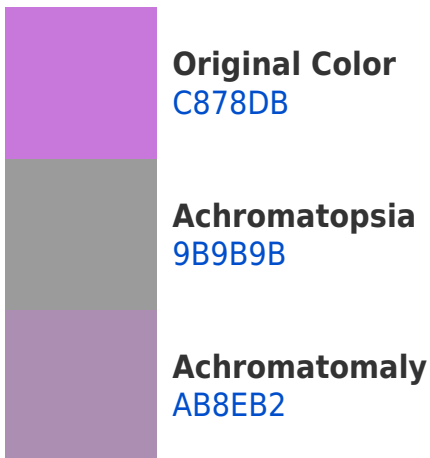


Tritanopia
BE8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C878DB 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 #C878DB looks like.

```
.text, #text, p{  
    color:#C878DB  
}
```

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 #C878DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C878DB
}
```

Border

The CSS property to change the border of an element to Hex C878DB 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
#C878DB }
```

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

```
.border{ border-color:#C878DB }
```

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

Here you see how a box with a 4 pixel #C878DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C878DB; -webkit-box-shadow:4px 4px  
4px 4px #C878DB; box-shadow:4px 4px 4px  
4px #C878DB }
```

Background

The CSS property to change the background color of an element to Hex C878DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C878DB }
```

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

```
.background{ background-color:#C878DB }
```

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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