

Converting Colors

Hex(C879ED)

Have a look what the booklet for
Hex(C879ED) contains.

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Color

Hex(C879ED)

Conversions

Conversions Part 1

Format	Color
Hex	C879ED
RGB	200, 121, 237
RGB Percent	78%, 47%, 93%
CMY	0.2157, 0.5255, 0.0706
CMYK	0.16, 0.49, 0.00, 0.07
HSL	281°, 76%, 70%
HSV	281°, 49%, 93%
XYZ	45.9429, 32.0685, 83.8892
YIQ	157.8450, 9.8480, 52.8240

Conversions

Conversions Part 2

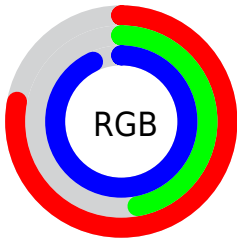
Format	Color
RYB	200, 121, 237
Decimal	13138413
CIELab	63.40, 50.16, -46.45
CIELCh	63, 68.367, 317.198
Yxy	32.0685, 0.2838, 0.1981
Android (android.graphics.Color)	4291328493 (0xFFC879ED)
YUV	157.8450, 39.0234, 36.9699
Hunter-Lab	56.6291, 45.7151, -48.1906

Details

The Hex color **C879ED** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9EED79**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFAFFF**, and **9045B5** is the 20% darker color. If you saturate the color by 10%, you get **C061ED**, and if you desaturate by 10%, it is **D091ED**.

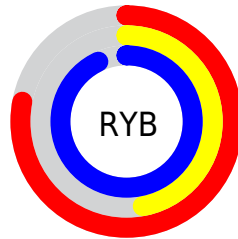
Distribution



Red (78%)

Green (47%)

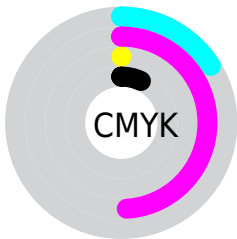
Blue (93%)



Red (78%)

Yellow (47%)

Blue (93%)

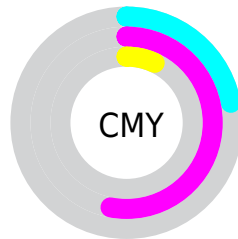


Cyan (16%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color C879ED 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 C879ED by changing the saturation by 10% instead.

 C879ED

 C879ED

FFFFFF

 AC5FD0

 FFAFFF

 9045B5

 FFCCFF

 742A99


 FFE8FF


 590C7F

 3F0065

 25004D

 020035

 00021F

 000001

 C879ED

 C879ED

 C061ED

 D091ED

 B94AED

 D7A8ED

 B132ED

 DFC0ED

 AA1AED

 E6D8ED

 A203ED

 EEEFED

 A100ED

 F5FFED

 FDF FED

 FFFFED

Harmonies

Analogous

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



6194FF



C879ED



FA60B6

Triad

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



C879ED



CD8D0C



00B6BC

Complementary

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



C879ED



9EED79

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.



00B47C



C879ED



96A105

Square

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



C879ED



F57341



4BAE40



00B2F2

Rectangle

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



C879ED



FF5B8D



4BAE40



00B6A7

Sweetspot

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



C879ED



F3D9FF



79A0ED



786980



000000



808080

Same Dimension

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



C879ED



CF69FF



ED79DA



726A75



7B00B5



240036

Inverse Universe

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



ED799E



FF6999



79ED8C



756A6D



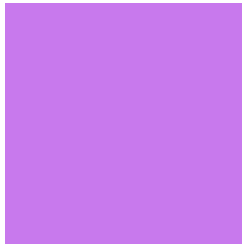
B5003A



360011

Previews

White Background



This preview shows how the Hex color C879ED looks on a white background.

Color Contrast Check

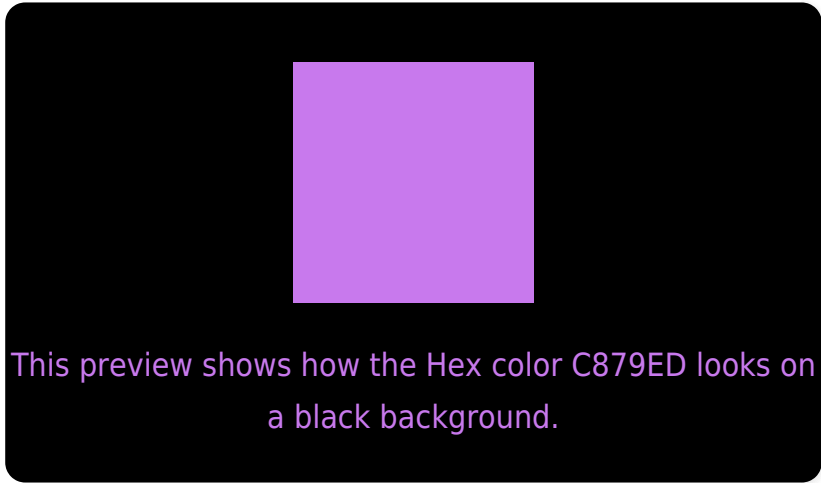
Large Text (above 18pt) WCAG AA × Fail

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 C879ED Background



This preview shows how black text looks on a background with the Hex color C879ED.

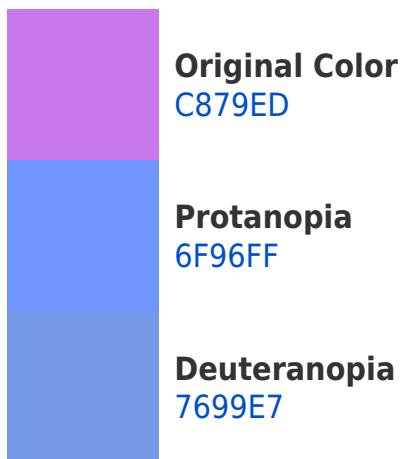



This preview shows how white text looks on a background with the Hex color C879ED.

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](#).

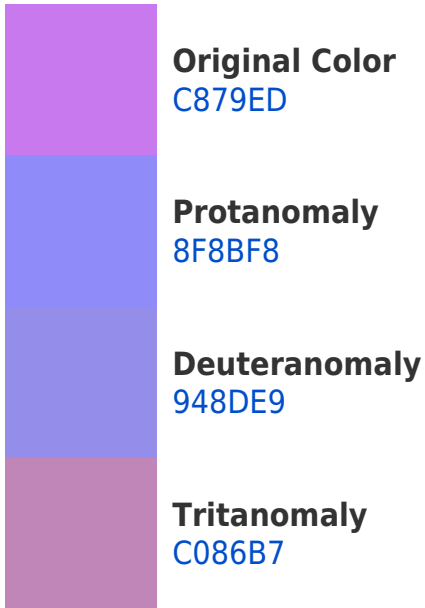
Dichromacy



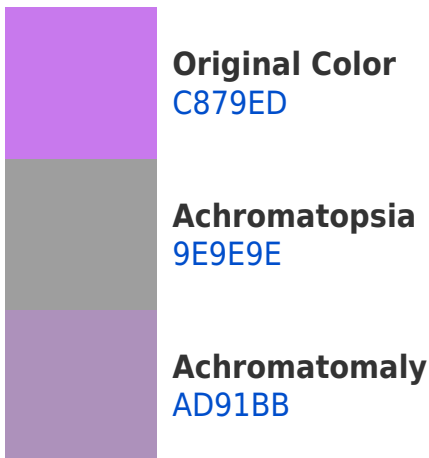


Tritanopia
BB8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C879ED 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 #C879ED looks like.

```
.text, #text, p{  
    color:#C879ED  
}
```

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 #C879ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C879ED
}
```

Border

The CSS property to change the border of an element to Hex C879ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

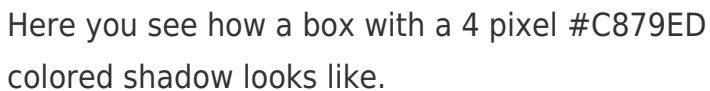
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C879ED }
```

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

```
.border{ border-color:#C879ED }
```

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



Here you see how a box with a 4 pixel #C879ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C879ED; -webkit-box-shadow:4px 4px  
4px 4px #C879ED; box-shadow:4px 4px 4px  
4px #C879ED }
```

Background

The CSS property to change the background color of an element to Hex C879ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C879ED }
```

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

```
.background{ background-color:#C879ED }
```

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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