

Converting Colors

Hex(C78DDF)

Have a look what the booklet for
Hex(C78DDF) contains.

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Color

Hex(C78DDF)

Conversions

Conversions Part 1

Format	Color
Hex	C78DDF
RGB	199, 141, 223
RGB Percent	78%, 55%, 87%
CMY	0.2196, 0.4471, 0.1255
CMYK	0.11, 0.37, 0.00, 0.13
HSL	282°, 56%, 71%
HSV	282°, 37%, 87%
XYZ	46.3973, 36.5196, 74.4156
YIQ	167.6900, 8.2460, 37.7980

Conversions

Conversions Part 2

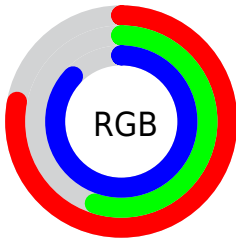
Format	Color
R_{YB}	199, 141, 223
Decimal	13077983
CIE _{Lab}	66.92, 36.30, -33.21
CIE _{LCh}	67, 49.200, 317.541
Yxy	36.5196, 0.2949, 0.2321
Android (android.graphics.Color)	4291268063 (0xFFC78DDF)
YUV	167.6900, 27.2678, 27.4589
Hunter-Lab	60.4314, 31.2917, -30.7080

Details

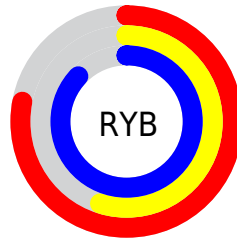
The Hex color **C78DDF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A5DF8D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC3FF**, and **905AA7** is the 20% darker color. If you saturate the color by 10%, you get **C077DF**, and if you desaturate by 10%, it is **CEA3DF**.

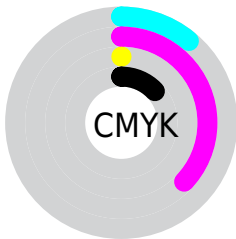
Distribution



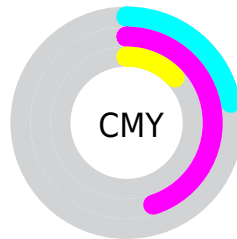
- Red (78%)
- Green (55%)
- Blue (87%)



- Red (78%)
- Yellow (55%)
- Blue (87%)



- Cyan (11%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C78DDF 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 C78DDF by changing the saturation by 10% instead.

 C78DDF

 C78DDF

FFFFFF

 AB73C3

 FFC3FF

 905AA7

 FFE0FF

 75418D

 FFFDFD

 5B2973

 42105A

 2A0042

 13002C

 000116

 000000

 C78DDF

 C78DDF

 C077DF

 CEA3DF

 BA60DF

 D4BADF

 B34ADF

 DBD0DF

 AD34DF

 E1E6DF

 A61EDF

 E8FDDF

 A007DF

 EEFFDF

 9E00DF

 F5FFDF

 FBFFDF

 FFFFDF

Harmonies

Analogous

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



889EF7



C78DDF



EC80B7

Triad

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



C78DDF



CD9A4B



00B9BC

Complementary

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



C78DDF



A5DF8D

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.



1BB88E



C78DDF



A4A84B

Square

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



C78DDF



EA8A63



71B365



00B6E3

Rectangle

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



C78DDF



F57D99



71B365



00B9AD

Sweetspot

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



C78DDF



F7E3FF



8DA6DF



7B6F80



000000



808080

Same Dimension

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



C78DDF



DE8FFF



DF8DCF



6D6570



7C00B0



220030

Inverse Universe

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



DF8DA5



FF8FB0



8DDF9D



706568



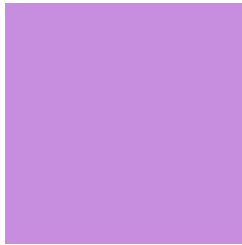
B00033



30000E

Previews

White Background



This preview shows how the Hex color C78DDF looks on a white background.

Color Contrast Check

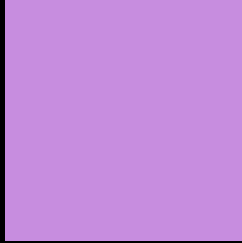
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C78DDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

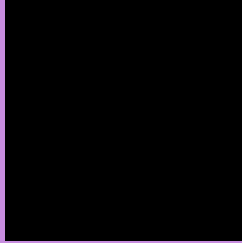
Any Text WCAG AA ✓ Pass

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 C78DDF Background



This preview shows how black text looks on a background with the Hex color C78DDF.

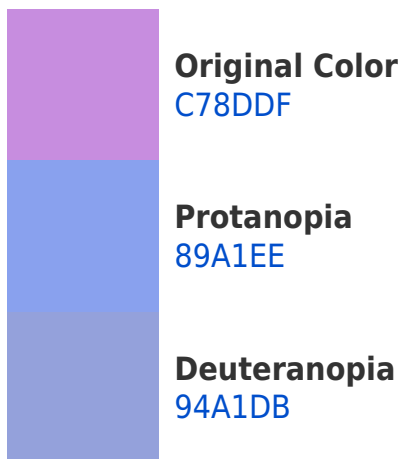


This preview shows how white text looks on a background with the Hex color C78DDF.

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
BE99A5

Trichromacy



Original Color
C78DDF



Protanomaly
A09AE9



Deuteranomaly
A79ADC



Tritanomaly
C195BA

Monochromacy



Original Color
C78DDF



Achromatopsia
A8A8A8



Achromatomaly
B39EBC

CSS Examples

Text

The CSS property to change the color of the text to Hex C78DDF 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 #C78DDF looks like.

```
.text, #text, p{  
    color:#C78DDF  
}
```

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 #C78DDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78DDF
}
```

Border

The CSS property to change the border of an element to Hex C78DDF 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
#C78DDF }
```

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

```
.border{ border-color:#C78DDF }
```

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

Here you see how a box with a 4 pixel #C78DDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78DDF; -webkit-box-shadow:4px 4px  
4px 4px #C78DDF; box-shadow:4px 4px 4px  
4px #C78DDF }
```

Background

The CSS property to change the background color of an element to Hex C78DDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78DDF }
```

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

```
.background{ background-color:#C78DDF }
```

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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