

Converting Colors

Hex(C799E3)

Have a look what the booklet for
Hex(C799E3) contains.

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Color

Hex(C799E3)

Conversions

Conversions Part 1

Format	Color
Hex	C799E3
RGB	199, 153, 227
RGB Percent	78%, 60%, 89%
CMY	0.2196, 0.4000, 0.1098
CMYK	0.12, 0.33, 0.00, 0.11
HSL	277°, 57%, 75%
HSV	277°, 33%, 89%
XYZ	48.8095, 40.4706, 77.9121
YIQ	175.1900, 3.6620, 32.7660

Conversions

Conversions Part 2

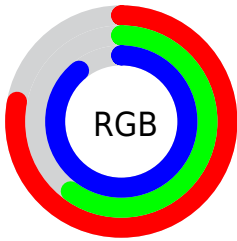
Format	Color
R_{YB}	199, 153, 227
Decimal	13081059
CIE _{Lab}	69.80, 30.56, -30.95
CIE _{LCh}	70, 43.492, 314.633
Yxy	40.4706, 0.2919, 0.2421
Android (android.graphics.Color)	4291271139 (0xFFC799E3)
YUV	175.1900, 25.5423, 20.8814
Hunter-Lab	63.6165, 25.6245, -28.0818

Details

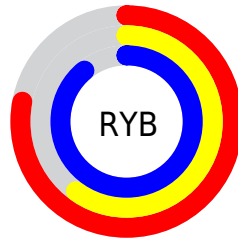
The Hex color **C799E3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5E399**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD0FF**, and **9065AB** is the 20% darker color. If you saturate the color by 10%, you get **BE82E3**, and if you desaturate by 10%, it is **D0B0E3**.

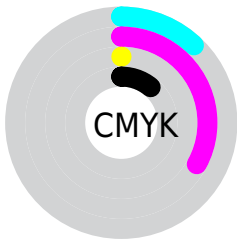
Distribution



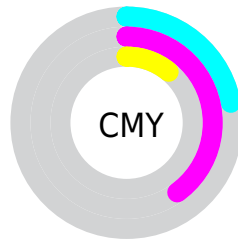
- Red (78%)
- Green (60%)
- Blue (89%)



- Red (78%)
- Yellow (60%)
- Blue (89%)



- Cyan (12%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C799E3 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 C799E3 by changing the saturation by 10% instead.

 C799E3

 C799E3

FFFFFF

 AB7FC7

 FFD0FF

 9065AB

 FFECFF

 764D91

 5C3577

 431E5E

 2B0746

 1A002F

 000119

 000000

 C799E3

 C799E3

 BE82E3

 D0B0E3

 B66CE3

 D8C6E3

 AD55E3

 E1DDE3

 A53EE3

 E9F4E3

 9C28E3

 F2FFE3

 9311E3

 FBFFE3

 8D00E3

 FFFFE3

Harmonies

Analogous

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



8FA8F7



C799E3



EA8DC1

Triad

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



C799E3



D5A15E



00BFBD

Complementary

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



C799E3



B5E399

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.



4DBE94



C799E3



B0AE5C

Square

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



C799E3



EE9475



84B871



00BCE1

Rectangle

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



C799E3



F58BA6



84B871



00BF80

Sweetspot

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



C799E3



F5E6FF



99B5E3



7A7080



000000



808080

Same Dimension

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



C799E3



D99CFF



E399DA



6E6773



6F00B3



200033

Inverse Universe

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



E399B5



FF9CC1



99E3A2



73676C



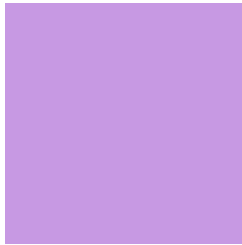
B30044



330013

Previews

White Background



This preview shows how the Hex color C799E3 looks on a white background.

Color Contrast Check

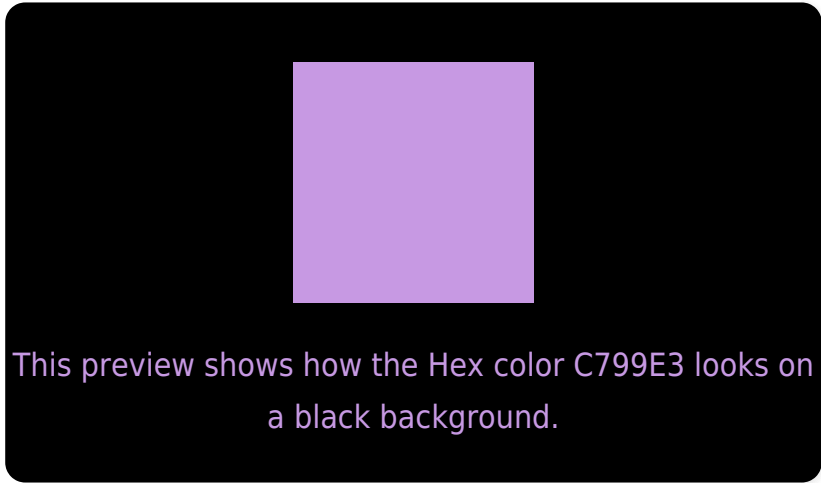
Large Text (above 18pt) WCAG AA × Fail

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

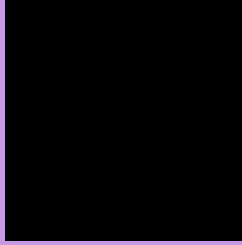
Any Text WCAG AA ✓ Pass

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 C799E3 Background



This preview shows how black text looks on a background with the Hex color C799E3.



This preview shows how white text looks on a background with the Hex color C799E3.

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



Trichromacy



Original Color
C799E3



Protanomaly
A7A3EB



Deuteranomaly
ADA3E1



Tritanomaly
C29FC3

Monochromacy



Original Color
C799E3



Achromatopsia
AF AF AF



Achromatomaly
B8A7C2

CSS Examples

Text

The CSS property to change the color of the text to Hex C799E3 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 #C799E3 looks like.

```
.text, #text, p{  
    color:#C799E3  
}
```

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 #C799E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C799E3
}
```

Border

The CSS property to change the border of an element to Hex C799E3 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
#C799E3 }
```

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

```
.border{ border-color:#C799E3 }
```

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

Here you see how a box with a 4 pixel #C799E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C799E3; -webkit-box-shadow:4px 4px  
4px 4px #C799E3; box-shadow:4px 4px 4px  
4px #C799E3 }
```

Background

The CSS property to change the background color of an element to Hex C799E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C799E3 }
```

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

```
.background{ background-color:#C799E3 }
```

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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