

Converting Colors

Hex(C793E4)

Have a look what the booklet for
Hex(C793E4) contains.

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Color

Hex(C793E4)

Conversions

Conversions Part 1

Format	Color
Hex	C793E4
RGB	199, 147, 228
RGB Percent	78%, 58%, 89%
CMY	0.2196, 0.4235, 0.1059
CMYK	0.13, 0.36, 0.00, 0.11
HSL	279°, 60%, 74%
HSV	279°, 36%, 89%
XYZ	47.9905, 38.6110, 78.3221
YIQ	171.7820, 4.9910, 36.2150

Conversions

Conversions Part 2

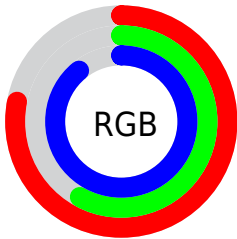
Format	Color
R _Y B	199, 147, 228
Decimal	13079524
CIE Lab	68.47, 34.06, -33.56
CIE LCh	68, 47.817, 315.418
Yxy	38.6110, 0.2910, 0.2341
Android (android.graphics.Color)	4291269604 (0xFFC793E4)
YUV	171.7820, 27.7155, 23.8702
Hunter-Lab	62.1377, 29.1189, -31.2362

Details

The Hex color **C793E4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B0E493**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCAFF**, and **905FAC** is the 20% darker color. If you saturate the color by 10%, you get **BF7CE4**, and if you desaturate by 10%, it is **CFAAE4**.

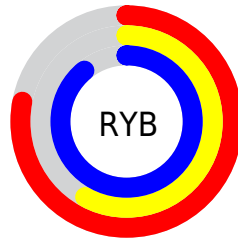
Distribution



Red (78%)

Green (58%)

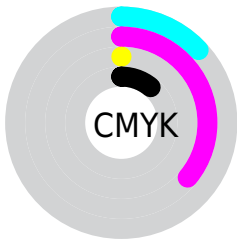
Blue (89%)



Red (78%)

Yellow (58%)

Blue (89%)

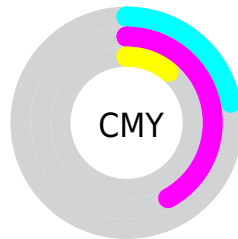


Cyan (13%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (22%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C793E4 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 C793E4 by changing the saturation by 10% instead.

 C793E4

 C793E4

FFFFFF

 AB79C8

 FFCAFF

 905FAC

 FFE6FF

 754791

 5C2F77

 42185E

 2A0046

 160030

 00011A

 000000

 C793E4

 C793E4

 BF7CE4

 CFAAE4

 B765E4

 D7C1E4

 AF4FE4

 DFD7E4

 A638E4

 E8EEE4

 9E21E4

 F0FFE4

 960AE4

 F8FFE4

 9200E4

 FFFFE4

Harmonies

Analogous

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



88A4FA



C793E4



ED86BE

Triad

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



C793E4



D39D52



00BDBD

Complementary

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



C793E4



B0E493

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.



35BC90



C793E4



ABAC51

Square

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



C793E4



EF8E6B



7BB668



00BAE3

Rectangle

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



C793E4



F883A1



7BB668



00BDAE

Sweetspot

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



C793E4



F5E3FF



93B1E4



7A6F80



000000



808080

Same Dimension

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



C793E4



D891FF



E493D9



6F6773



7300B3



210033

Inverse Universe

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



E493B0



FF91B9



93E49E



73676B



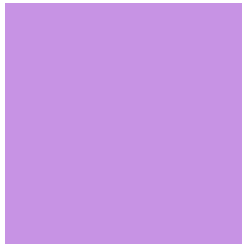
B30040



330012

Previews

White Background



This preview shows how the Hex color C793E4 looks on a white background.

Color Contrast Check

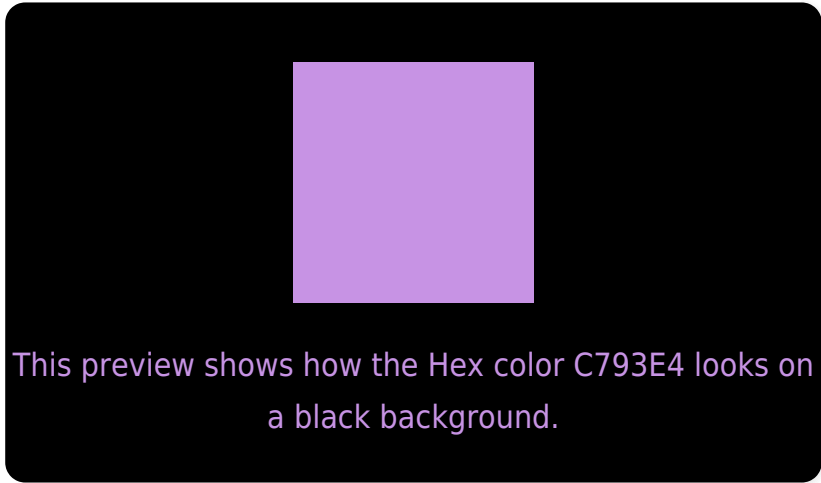
Large Text (above 18pt) WCAG AA × Fail

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 C793E4 Background



This preview shows how black text looks on a background with the Hex color C793E4.

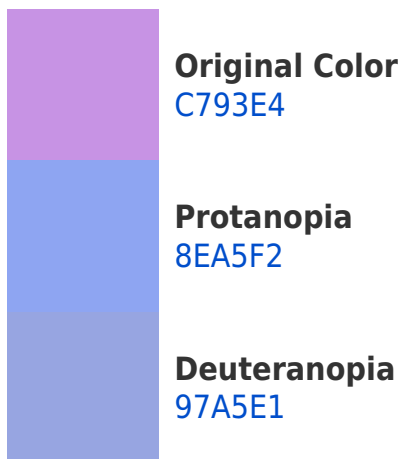


This preview shows how white text looks on a background with the Hex color C793E4.

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](#).

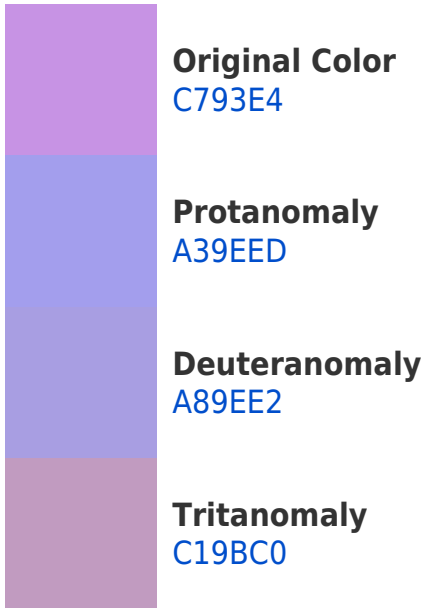
Dichromacy



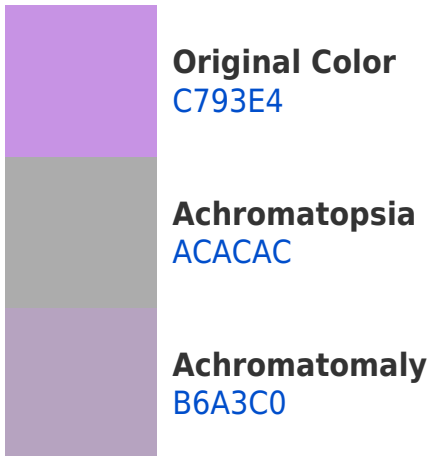


Tritanopia
BE9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C793E4 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 #C793E4 looks like.

```
.text, #text, p{  
    color:#C793E4  
}
```

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 #C793E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C793E4
}
```

Border

The CSS property to change the border of an element to Hex C793E4 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
#C793E4 }
```

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

```
.border{ border-color:#C793E4 }
```

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

Here you see how a box with a 4 pixel #C793E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C793E4; -webkit-box-shadow:4px 4px  
4px 4px #C793E4; box-shadow:4px 4px 4px  
4px #C793E4 }
```

Background

The CSS property to change the background color of an element to Hex C793E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C793E4 }
```

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

```
.background{ background-color:#C793E4 }
```

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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