

Converting Colors

Hex(C796E6)

Have a look what the booklet for
Hex(C796E6) contains.

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Color

Hex(C796E6)

Conversions

Conversions Part 1

Format	Color
Hex	C796E6
RGB	199, 150, 230
RGB Percent	78%, 59%, 90%
CMY	0.2196, 0.4118, 0.0980
CMYK	0.13, 0.35, 0.00, 0.10
HSL	277°, 62%, 75%
HSV	277°, 35%, 90%
XYZ	48.7425, 39.6680, 79.9506
YIQ	173.7710, 3.5240, 35.2680

Conversions

Conversions Part 2

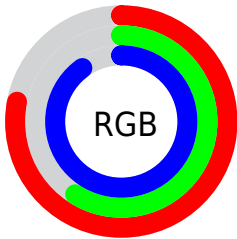
Format	Color
RYB	199, 150, 230
Decimal	13080294
CIELab	69.23, 32.83, -33.48
CIElCh	69, 46.894, 314.441
Yxy	39.6680, 0.2895, 0.2356
Android (android.graphics.Color)	4291270374 (0xFFC796E6)
YUV	173.7710, 27.7209, 22.1258
Hunter-Lab	62.9825, 27.9226, -31.1755

Details

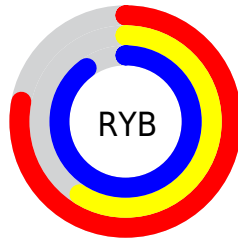
The Hex color **C796E6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B5E696**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCDFF**, and **9062AE** is the 20% darker color. If you saturate the color by 10%, you get **BE7FE6**, and if you desaturate by 10%, it is **D0ADE6**.

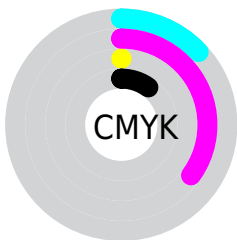
Distribution



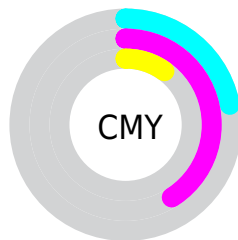
- Red (78%)
- Green (59%)
- Blue (90%)



- Red (78%)
- Yellow (59%)
- Blue (90%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (41%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C796E6 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 C796E6 by changing the saturation by 10% instead.

 C796E6

 C796E6

FFFFFF

 AB7CCA

 FFCDFD

 9062AE

 FFE9FF

 754A93

 5C3279

 431B60

 2A0348

 180031

 00011B

 000000

 C796E6

 C796E6

 BE7FE6

 D0ADE6

 B568E6

 D9C4E6

 AC51E6

 E2DBE6

 A33AE6

 EBF2E6

 9A23E6

 F4FFE6

 920CE6

 FCFFE6

 8D00E6

 FFFFE6

Harmonies

Analogous

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



89A6FB



C796E6



ED89C1

Triad

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



C796E6



D69F56



00BFBD

Complementary

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



C796E6



B5E696

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.



3FBD91



C796E6



AFAD54

Square

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



C796E6



F1906F



7FB86A



00BCE3

Rectangle

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



C796E6



F886A4



7FB86A



00BFAE

Sweetspot

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



C796E6



F5E6FF



96B6E6



7A7080



000000



808080

Same Dimension

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



C796E6



D594FF



E696DE



6E6773



6D00B3



1F0033

Inverse Universe

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



E696B5



FF94BD



96E69E



73676C



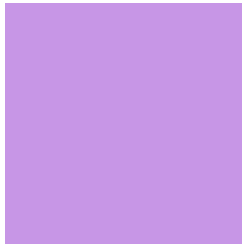
B30045



330014

Previews

White Background



This preview shows how the Hex color C796E6 looks on a white background.

Color Contrast Check

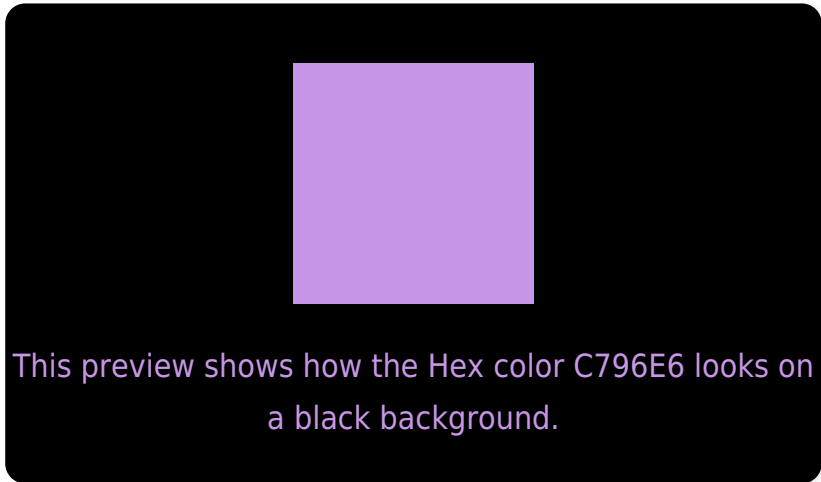
Large Text (above 18pt) WCAG AA × Fail

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 C796E6 Background



This preview shows how black text looks on a background with the Hex color C796E6.

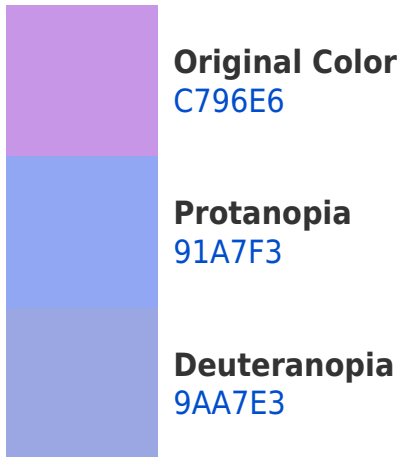


This preview shows how white text looks on a background with the Hex color C796E6.

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
C796E6



Protanomaly
A5A1EE



Deuteranomaly
AAA1E4



Tritanomaly
C19DC2

Monochromacy



Original Color
C796E6



Achromatopsia
AEAEAE



Achromatomaly
B7A5C2

CSS Examples

Text

The CSS property to change the color of the text to Hex C796E6 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 #C796E6 looks like.

```
.text, #text, p{  
    color:#C796E6  
}
```

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 #C796E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C796E6
}
```

Border

The CSS property to change the border of an element to Hex C796E6 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
#C796E6 }
```

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

```
.border{ border-color:#C796E6 }
```

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

Here you see how a box with a 4 pixel #C796E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C796E6; -webkit-box-shadow:4px 4px  
4px 4px #C796E6; box-shadow:4px 4px 4px  
4px #C796E6 }
```

Background

The CSS property to change the background color of an element to Hex C796E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C796E6 }
```

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

```
.background{ background-color:#C796E6 }
```

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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