

Converting Colors

Hex(C981EB)

Have a look what the booklet for
Hex(C981EB) contains.

Hex(C981EB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C981EB)

Conversions

Conversions Part 1

Format	Color
Hex	C981EB
RGB	201, 129, 235
RGB Percent	79%, 51%, 92%
CMY	0.2118, 0.4941, 0.0784
CMYK	0.14, 0.45, 0.00, 0.08
HSL	281°, 73%, 71%
HSV	281°, 45%, 92%
XYZ	46.9330, 34.1162, 82.7087
YIQ	162.6120, 8.8860, 48.2300

Conversions

Conversions Part 2

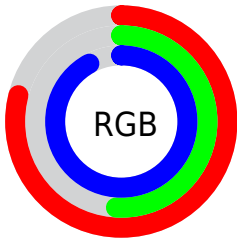
Format	Color
R _Y B	201, 129, 235
Decimal	13205995
CIE _{Lab}	65.05, 45.83, -42.74
CIE _{LCh}	65, 62.661, 316.999
Yxy	34.1162, 0.2866, 0.2083
Android (android.graphics.Color)	4291396075 (0xFFC981EB)
YUV	162.6120, 35.6873, 33.6663
Hunter-Lab	58.4091, 41.2131, -43.0698

Details

The Hex color **C981EB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A3EB81**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB7FF**, and **914DB3** is the 20% darker color. If you saturate the color by 10%, you get **C16AEB**, and if you desaturate by 10%, it is **D199EB**.

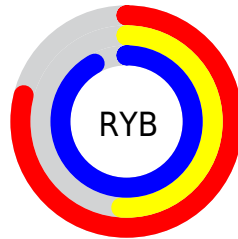
Distribution



Red (79%)

Green (51%)

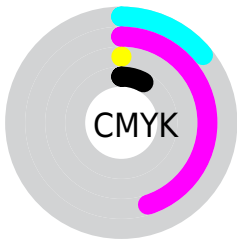
Blue (92%)



Red (79%)

Yellow (51%)

Blue (92%)

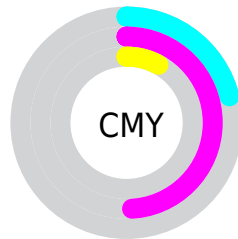


Cyan (14%)

Magenta (45%)

Yellow (0%)

Black (8%)



Cyan (21%)

Magenta (49%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color C981EB 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 C981EB by changing the saturation by 10% instead.

 C981EB

 C981EB

FFFFFF

 AD67CF

 FFB7FF

 914DB3

 FFD4FF

 763498

 FFF0FF

 5B197D

 410064

 27004B

 0B0034

 00021E

 000000

 C981EB

 C981EB

 C16AEB

 D199EB

 BA52EB

 D8B0EB

 B23AEB

 E0C8EB

 AB23EB

 E7DFEB

 A30CEB

 EFF7EB

 A000EB

 F6FFEB

 FEFFEB

 FFFFEB

Harmonies

Analogous

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



6F99FF



C981EB



F76CB9

Triad

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



C981EB



CF9228



00B9BD

Complementary

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



C981EB



A3EB81

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.



00B783



C981EB



9DA526

Square

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



C981EB



F47C4D



5AB14D



00B5EF

Rectangle

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



C981EB



FF6893



5AB14D



00B9AA

Sweetspot

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



C981EB



F4DBFF



81A4EB



796A80



000000



808080

Same Dimension

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



C981EB



D375FF



EB81D9



726A75



7B00B5



240036

Inverse Universe

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



EB81A3



FF75A1



81EB93



756A6D



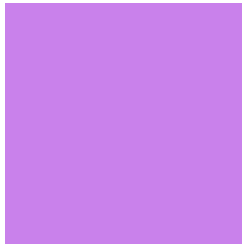
B5003A



360011

Previews

White Background



This preview shows how the Hex color C981EB looks on a white background.

Color Contrast Check

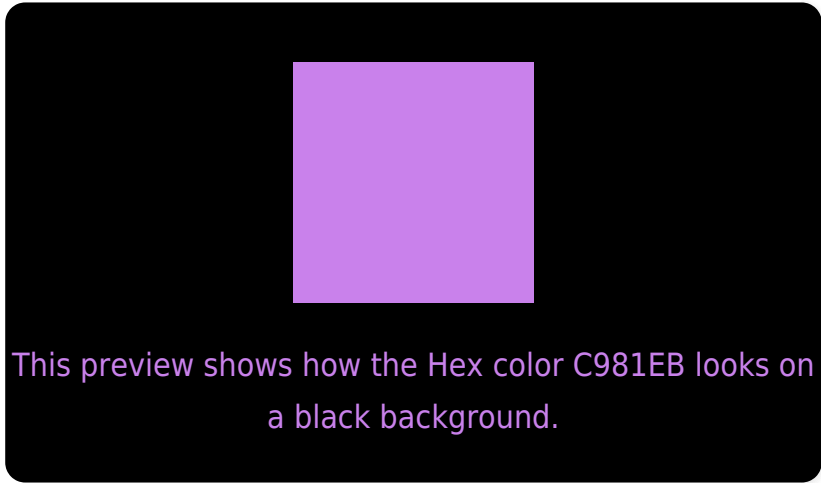
Large Text (above 18pt) WCAG AA × Fail

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 C981EB Background



This preview shows how black text looks on a background with the Hex color C981EB.

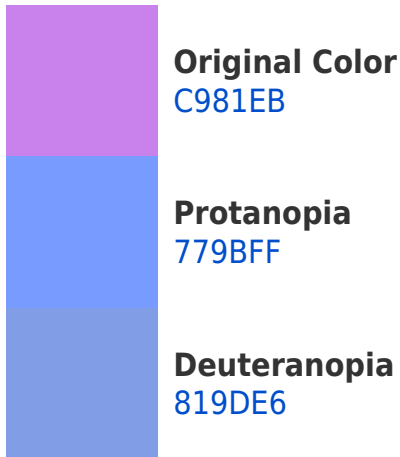


This preview shows how white text looks on a background with the Hex color C981EB.

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](#).

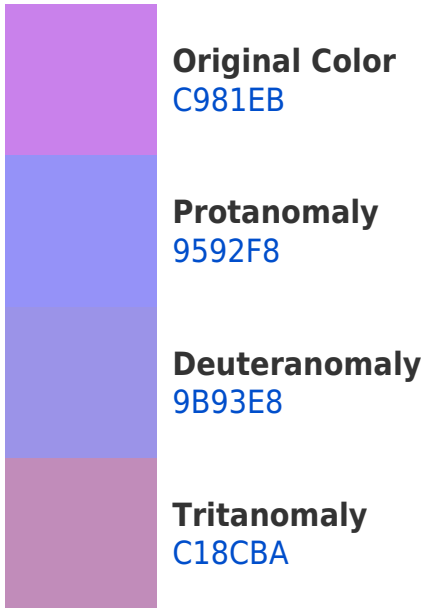
Dichromacy



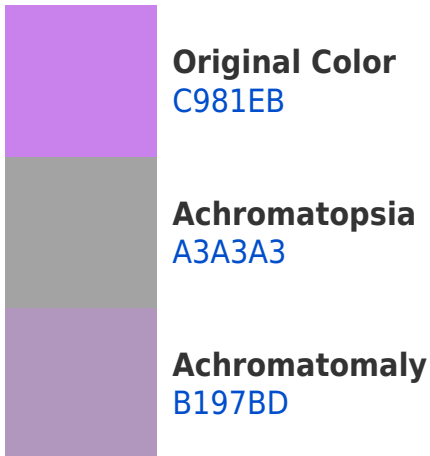


Tritanopia
BD939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C981EB 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 #C981EB looks like.

```
.text, #text, p{  
  color:#C981EB  
}
```

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 #C981EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C981EB
}
```

Border

The CSS property to change the border of an element to Hex C981EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

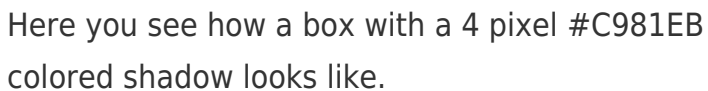
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C981EB }
```

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

```
.border{ border-color:#C981EB }
```

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



Here you see how a box with a 4 pixel `#C981EB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C981EB; -webkit-box-shadow:4px 4px  
4px 4px #C981EB; box-shadow:4px 4px 4px  
4px #C981EB }
```

Background

The CSS property to change the background color of an element to Hex C981EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C981EB }
```

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

```
.background{ background-color:#C981EB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor