

Converting Colors

Hex(CA81E8)

Have a look what the booklet for
Hex(CA81E8) contains.

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Color

Hex(CA81E8)

Conversions

Conversions Part 1

Format	Color
Hex	CA81E8
RGB	202, 129, 232
RGB Percent	79%, 51%, 91%
CMY	0.2078, 0.4941, 0.0902
CMYK	0.13, 0.44, 0.00, 0.09
HSL	283°, 69%, 71%
HSV	283°, 44%, 91%
XYZ	46.7729, 34.0833, 80.4575
YIQ	162.5690, 10.4450, 47.5090

Conversions

Conversions Part 2

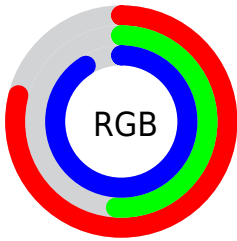
Format	Color
RYB	202, 129, 232
Decimal	13271528
CIELab	65.03, 45.49, -41.11
CIElCh	65, 61.312, 317.895
Yxy	34.0833, 0.2899, 0.2113
Android (android.graphics.Color)	4291461608 (0xFFCA81E8)
YUV	162.5690, 34.2295, 34.5810
Hunter-Lab	58.3809, 40.8419, -40.8438

Details

The Hex color **CA81E8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9FE881**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB7FF**, and **924DB0** is the 20% darker color. If you saturate the color by 10%, you get **C36AE8**, and if you desaturate by 10%, it is **D198E8**.

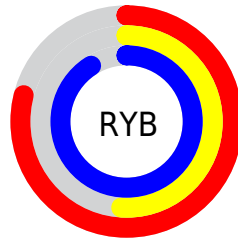
Distribution



Red (79%)

Green (51%)

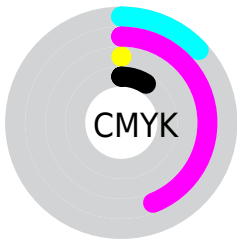
Blue (91%)



Red (79%)

Yellow (51%)

Blue (91%)

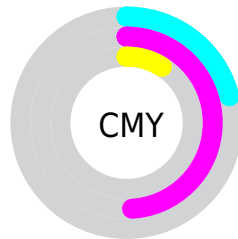


Cyan (13%)

Magenta (44%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA81E8 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 CA81E8 by changing the saturation by 10% instead.

 CA81E8

 CA81E8

FFFFFF

 AE67CC

 FFB7FF

 924DB0

 FFD4FF

 773495

 FFF0FF

 5C197B

 420061

 290049

 0E0032

 00011C

 000000

CA81E8

CA81E8

C36AE8

D198E8

BC53E8

D8AFE8

B63BE8

DEC7E8

AF24E8

E5DEE8

A80DE8

ECF5E8

A400E8

F3FFE8

F9FFE8

FFFE8

Harmonies

Analogous

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



7598FF



CA81E8



F66EB6

Triad

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



CA81E8



CD932A



00B8BE

Complementary

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



CA81E8



9FE881

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.



00B785



CA81E8



9BA52A

Square

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



CA81E8



F27D4E



5AB150



00B5EE

Rectangle

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



CA81E8



FF6A91



5AB150



00B8AB

Sweetspot

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



CA81E8



F5DEFF



81A0E8



7A6B80



000000



808080

Same Dimension

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



CA81E8



D878FF



E881D3



6F6773



7F00B3



240033

Inverse Universe

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



E8819F



FF789F



81E896



73676B



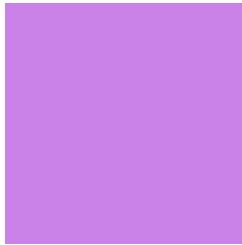
B30034



33000F

Previews

White Background



This preview shows how the Hex color CA81E8 looks on a white background.

Color Contrast Check

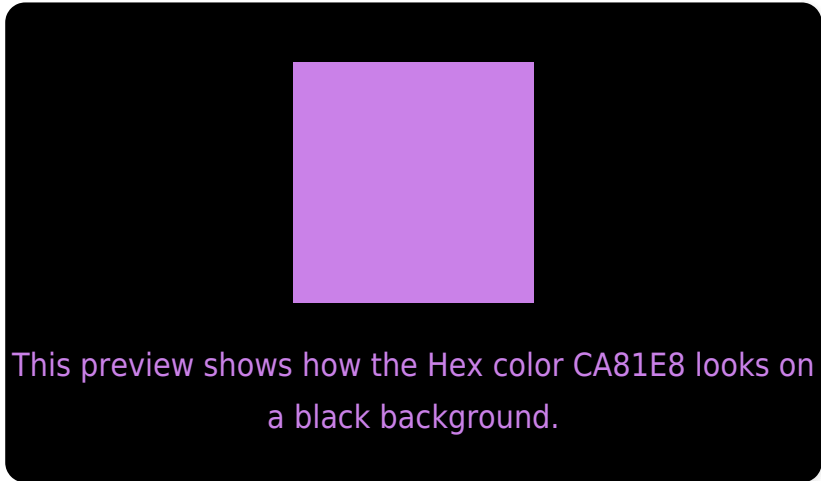
Large Text (above 18pt) WCAG AA × Fail

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

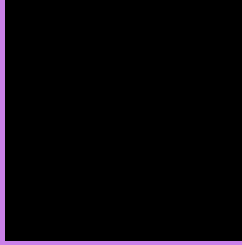
Any Text WCAG AA ✓ Pass

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 CA81E8 Background



This preview shows how black text looks on a background with the Hex color CA81E8.

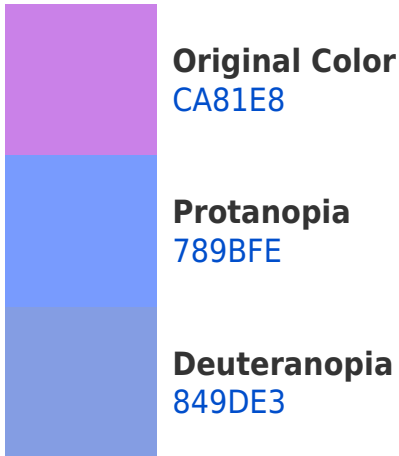



This preview shows how white text looks on a background with the Hex color CA81E8.

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](#).

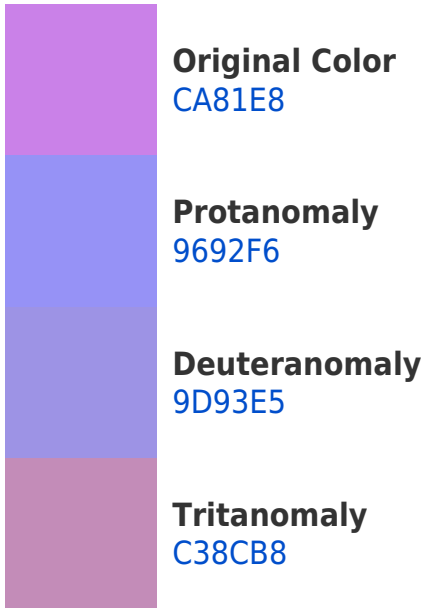
Dichromacy



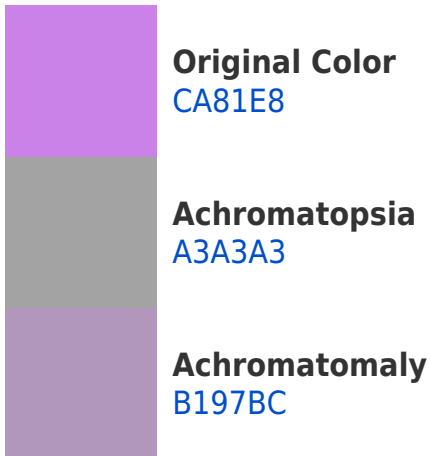


Tritanopia
BF929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA81E8 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 #CA81E8 looks like.

```
.text, #text, p{  
    color:#CA81E8  
}
```

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 #CA81E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA81E8
}
```

Border

The CSS property to change the border of an element to Hex CA81E8 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
#CA81E8 }
```

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

```
.border{ border-color:#CA81E8 }
```

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

Here you see how a box with a 4 pixel #CA81E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA81E8; -webkit-box-shadow:4px 4px  
4px 4px #CA81E8; box-shadow:4px 4px 4px  
4px #CA81E8 }
```

Background

The CSS property to change the background color of an element to Hex CA81E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA81E8 }
```

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

```
.background{ background-color:#CA81E8 }
```

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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