

# Converting Colors

Hex(C881AF)

Have a look what the booklet for  
Hex(C881AF) contains.

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# **Color**

**Hex(C881AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C881AF
RGB	200, 129, 175
RGB Percent	78%, 51%, 69%
CMY	0.2157, 0.4941, 0.3137
CMYK	0.00, 0.36, 0.12, 0.22
HSL	321°, 39%, 65%
HSV	321°, 36%, 78%
XYZ	39.4075, 31.0750, 44.4785
YIQ	155.4730, 27.5500, 29.3580

# Conversions

## Conversions Part 2

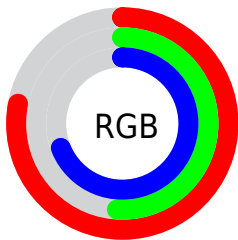
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	200, 129, 175
Decimal	13140399
CIE <sub>Lab</sub>	62.57, 34.17, -12.93
CIE <sub>LCh</sub>	63, 36.532, 339.271
Yxy	31.0750, 0.3428, 0.2703
Android (android.graphics.Color)	4291330479 (0xFFC881AF)
YUV	155.4730, 9.6268, 39.0502
Hunter-Lab	55.7450, 28.6325, -8.2856

# Details

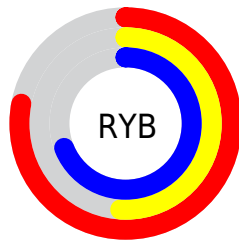
The Hex color **C881AF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81C89A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB7E7**, and **914E7B** is the 20% darker color. If you saturate the color by 10%, you get **C86DA8**, and if you desaturate by 10%, it is **C895B6**.

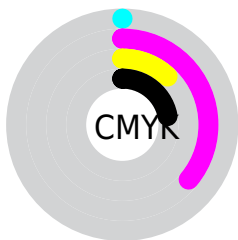
# Distribution



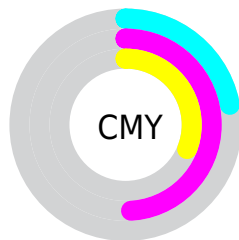
- Red (78%)
- Green (51%)
- Blue (69%)



- Red (78%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C881AF 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 C881AF by changing the saturation by 10% instead.



 C881AF

FFFFFF

 FFB7E7

 FFD3FF

 FFEFFF

 C881AF

 AC6794

 914E7B

 763662

 5C1D4A

 430233

 2D001E

 050000

 000000

 C881AF

 C881AF

 C86DA8

 C895B6

 C859A1

 C8A9BD

 C8459A

 C8BDC4

 C83193

 C8D1CB

 C81D8C

 C8E5D2

 C80985

 C8F9D9

 C80082

 C8FFE0

 C8FFE7

 C8FFEE

# Harmonies

## Analogous

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



A88BCA



C881AF



D67E8E

# Triad

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



C881AF



A29956



00A7BF

# Complementary

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



C881AF



81C89A

# 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.



1FA9A1



C881AF



7FA164

# Square

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



C881AF



BF8E5B



56A77F



3AA1D3

# Rectangle

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



C881AF



D58079



56A77F



00A8B6



# Sweetspot

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



C881AF



FFE3F5



9A81C8



806F7A



000000



808080



# Same Dimension

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



C881AF



FF91D8



C8818C



635A60



A3006A



240017



# Inverse Universe

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



C881AF



FF91D8



81C8BD



635A60



A3006A

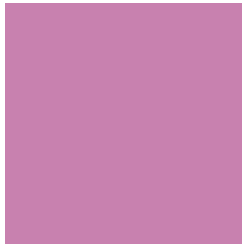


240017



# Previews

## White Background



This preview shows how the Hex color C881AF looks on a white background.

## Color Contrast Check

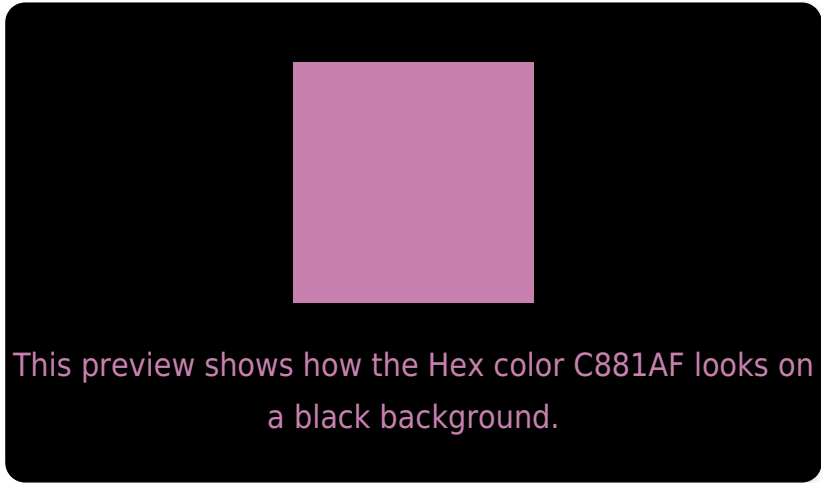
Large Text (above 18pt) WCAG AA × Fail

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

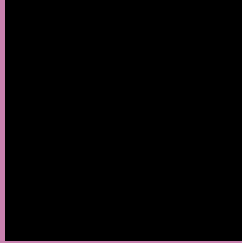
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C881AF Background



This preview shows how black text looks on a background with the Hex color C881AF.

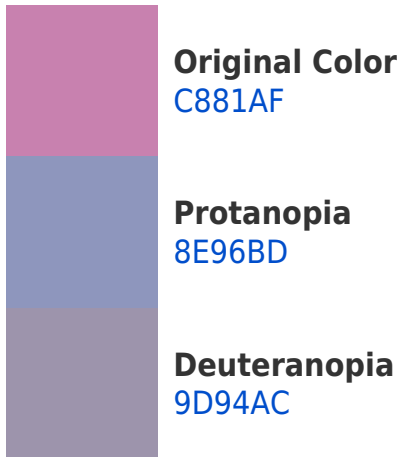


This preview shows how white text looks on a background with the Hex color C881AF.

# 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](#).

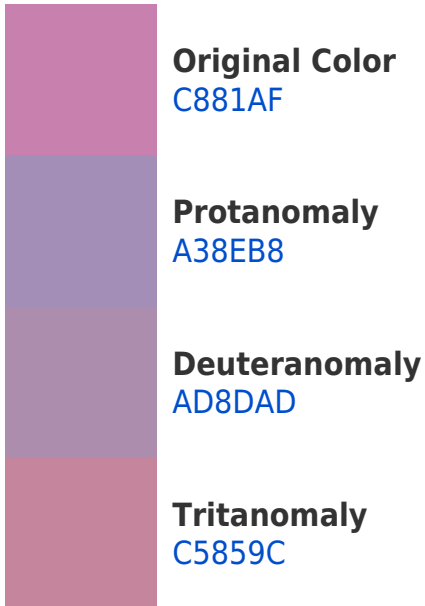
## Dichromacy



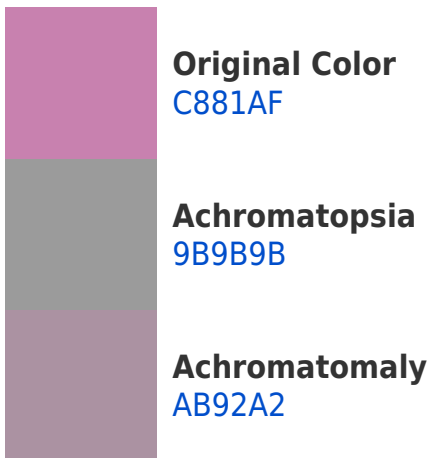


**Tritanopia**  
C48791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C881AF 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 #C881AF looks like.

```
.text, #text, p{  
    color:#C881AF  
}
```

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 #C881AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C881AF
}
```

## Border

The CSS property to change the border of an element to Hex C881AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

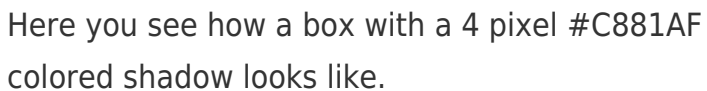
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C881AF }
```

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

```
.border{ border-color:#C881AF }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a 4px wide, 4px high, 4px offset purple box. The text inside the box is "Here you see how a box with a 4 pixel #C881AF colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #C881AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C881AF; -webkit-box-shadow:4px 4px  
4px 4px #C881AF; box-shadow:4px 4px 4px  
4px #C881AF }
```

# Background

The CSS property to change the background color of an element to Hex C881AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C881AF }
```

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

```
.background{ background-color:#C881AF }
```

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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