

# Converting Colors

Hex(C78D8B)

Have a look what the booklet for  
Hex(C78D8B) contains.

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# **Color**

**Hex(C78D8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C78D8B
RGB	199, 141, 139
RGB Percent	78%, 55%, 55%
CMY	0.2196, 0.4471, 0.4549
CMYK	0.00, 0.29, 0.30, 0.22
HSL	2°, 35%, 66%
HSV	2°, 30%, 78%
XYZ	37.7383, 33.0559, 28.8175
YIQ	158.1140, 35.2100, 11.6740

# Conversions

## Conversions Part 2

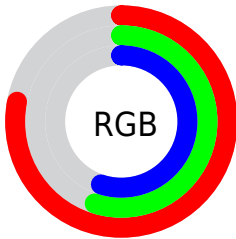
Format	Color
R <sub>Y</sub> B	199, 141, 139
Decimal	13077899
CIE Lab	64.21, 21.78, 9.88
CIE LCh	64, 23.914, 24.396
Yxy	33.0559, 0.3789, 0.3318
Android (android.graphics.Color)	4291267979 (0xFFC78D8B)
YUV	158.1140, -9.4232, 35.8570
Hunter-Lab	57.4943, 16.5493, 10.5285

# Details

The Hex color **C78D8B** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8BC5C7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFC3C0**, and **905A59** is the 20% darker color. If you saturate the color by 10%, you get **C77A77**, and if you desaturate by 10%, it is **C7A09F**.

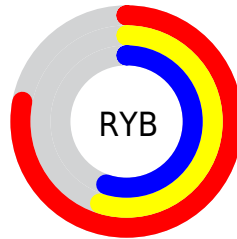
# Distribution



Red (78%)

Green (55%)

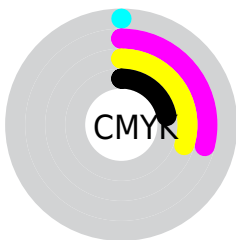
Blue (55%)



Red (78%)

Yellow (55%)

Blue (55%)

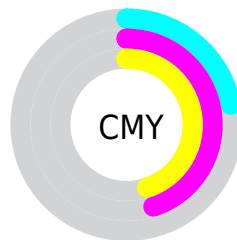


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C78D8B 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 C78D8B by changing the saturation by 10% instead.





C78D8B



C78D8B

FFFFFF



AB7372



FFC3C0



905A59



FFDFDC



754242



FFFCF9



5B2B2C



421517



2B0000



000000



C78D8B



C78D8B



C77A77



C7A09F

 C76763

 C7B3B3

 C7534F

 C7C7C7

 C7403B

 C7DADB

 C72D27

 C7EDEF

 C71A14

 C7FFFF

 C70700

# Harmonies

## Analogous

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



C38CA1



C78D8B



C0927A

# Triad

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



C78D8B



80A582



7C9FC6

# Complementary

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



C78D8B



8BC5C7

# 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.



63A4BE



C78D8B



6AA797

# Square

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



C78D8B



99A074



5DA7AC



9A98C2

# Rectangle

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



C78D8B



B59673



5DA7AC



72A1C4

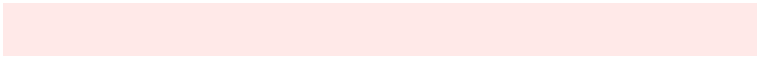


# Sweetspot

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



C78D8B



FFE9E8



C78BC5



807271



000000



808080



# Same Dimension

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



C78D8B



FFA6A3



C7AB8B



635A5A



A30500



240100



# Inverse Universe

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



8BC5C7



A3FCFF



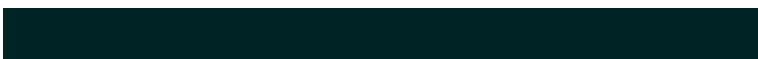
8BA7C7



5A6363



009EA3

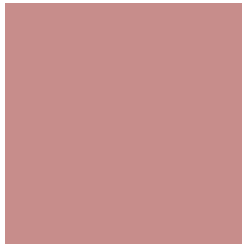


002324



# Previews

## White Background



This preview shows how the Hex color C78D8B looks on a white background.

## Color Contrast Check

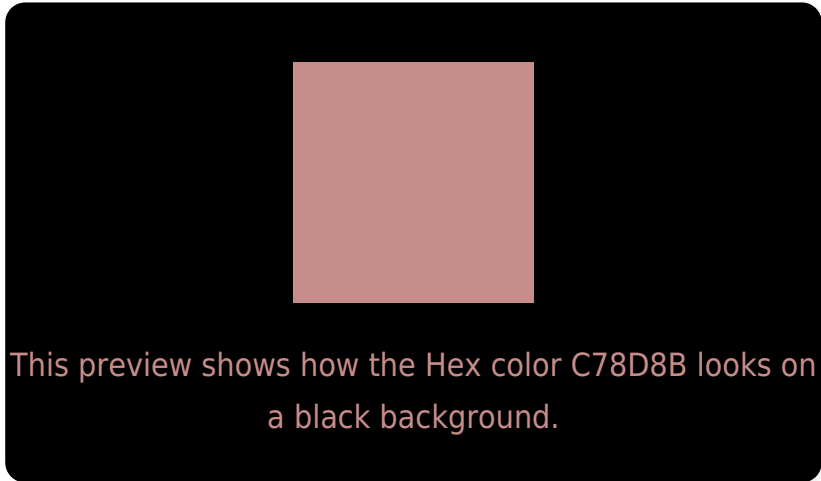
Large Text (above 18pt) WCAG AA × Fail

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

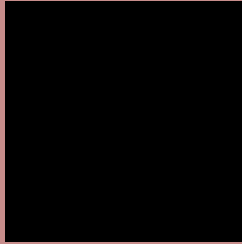
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C78D8B Background



This preview shows how black text looks on a background with the Hex color C78D8B.

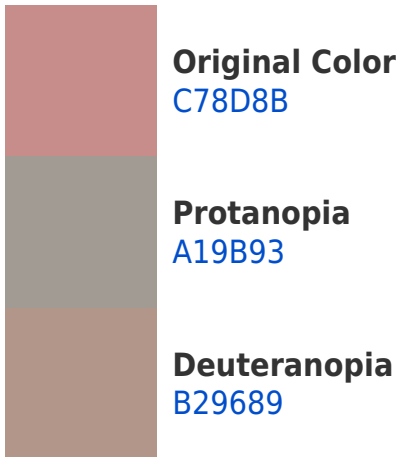


This preview shows how white text looks on a background with the Hex color C78D8B.

# 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](#).

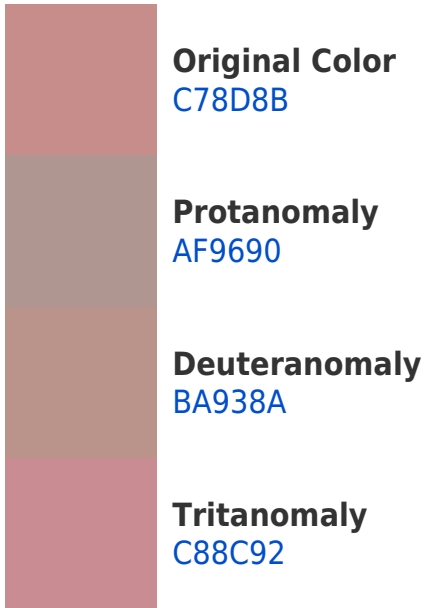
## Dichromacy



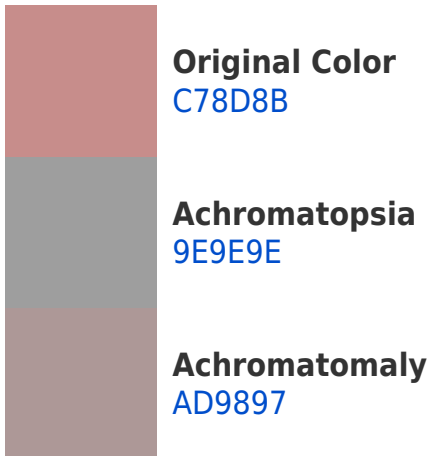


**Tritanopia**  
C88B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C78D8B 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 #C78D8B looks like.

```
.text, #text, p{  
    color:#C78D8B  
}
```

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 #C78D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C78D8B
}
```

## Border

The CSS property to change the border of an element to Hex C78D8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

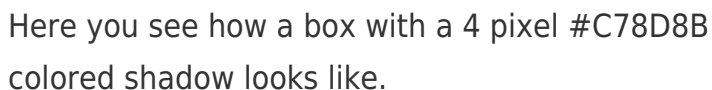
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C78D8B }
```

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

```
.border{ border-color:#C78D8B }
```

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



Here you see how a box with a 4 pixel #C78D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C78D8B; -webkit-box-shadow:4px 4px  
4px 4px #C78D8B; box-shadow:4px 4px 4px  
4px #C78D8B }
```

# Background

The CSS property to change the background color of an element to Hex C78D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C78D8B }
```

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

```
.background{ background-color:#C78D8B }
```

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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