

# Converting Colors

Hex(D78C8B)

Have a look what the booklet for  
Hex(D78C8B) contains.

<b>Hex(D78C8B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D78C8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D78C8B
RGB	215, 140, 139
RGB Percent	84%, 55%, 55%
CMY	0.1569, 0.4510, 0.4549
CMYK	0.00, 0.35, 0.35, 0.16
HSL	1°, 49%, 69%
HSV	1°, 35%, 84%
XYZ	42.0626, 35.0673, 28.9778
YIQ	162.3110, 45.0210, 15.5890

# Conversions

## Conversions Part 2

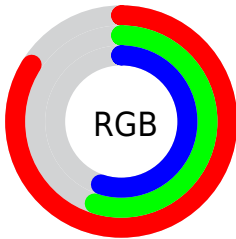
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 140, 139
Decimal	14126219
CIE Lab	65.80, 28.44, 12.39
CIE LCh	66, 31.018, 23.542
Yxy	35.0673, 0.3964, 0.3305
Android (android.graphics.Color)	4292316299 (0xFFD78C8B)
YUV	162.3110, -11.4923, 46.2083
Hunter-Lab	59.2177, 23.1586, 12.4391

# Details

The Hex color **D78C8B** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8BD6D7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFC2C0**, and **9E5959** is the 20% darker color. If you saturate the color by 10%, you get **D77775**, and if you desaturate by 10%, it is **D7A1A1**.

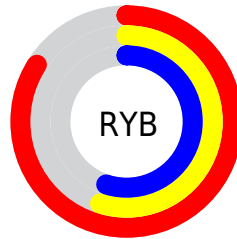
# Distribution



Red (84%)

Green (55%)

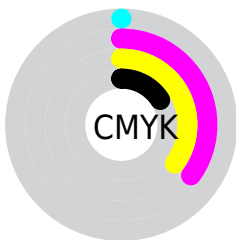
Blue (55%)



Red (84%)

Yellow (55%)

Blue (55%)

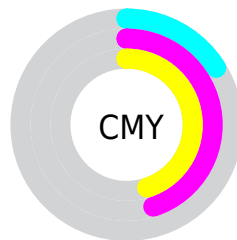


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (16%)



Cyan (16%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D78C8B 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 D78C8B by changing the saturation by 10% instead.



 D78C8B

 D78C8B

FFFFFF

 BA7272

 FFC2C0

 9E5959

 FFDEDC

 834142

 FFFBF9

 68292C

 4D1117

 350000

 160000

 000000

 D78C8B

 D78C8B

 D77775

 D7A1A1

 D76260

 D7B6B6

 D74C4A

 D7CCCC

 D73735

 D7E1E1

 D7221F

 D7F6F7

 D70D0A

 D7FFFF

 D70300

# Harmonies

## Analogous

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



D28BA7



D78C8B



CD9374

# Triad

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



D78C8B



7CAB7E



71A4D7

# Complementary

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



D78C8B



8BD6D7

# 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.



4BABCC



D78C8B



5BAF99

# Square

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



D78C8B



9CA56C



42AFB5



9B9BD3

# Rectangle

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



D78C8B



C1996B



42AFB5



63A7D5

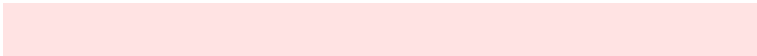


# Sweetspot

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



D78C8B



FFE3E3



D78BD7



806F6F



000000



808080



# Same Dimension

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



D78C8B



FF9594



D7B18B



6B6160



AB0200



2B0100



# Inverse Universe

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



8BD6D7



94FEFF



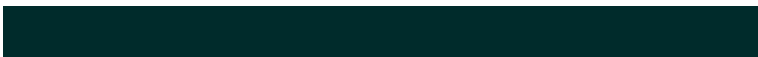
8BB1D7



606B6B



00A9AB

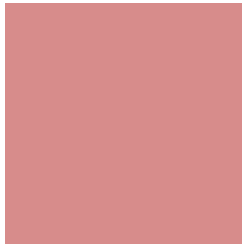


002B2B



# Previews

## White Background



This preview shows how the Hex color D78C8B looks on a white background.

## Color Contrast Check

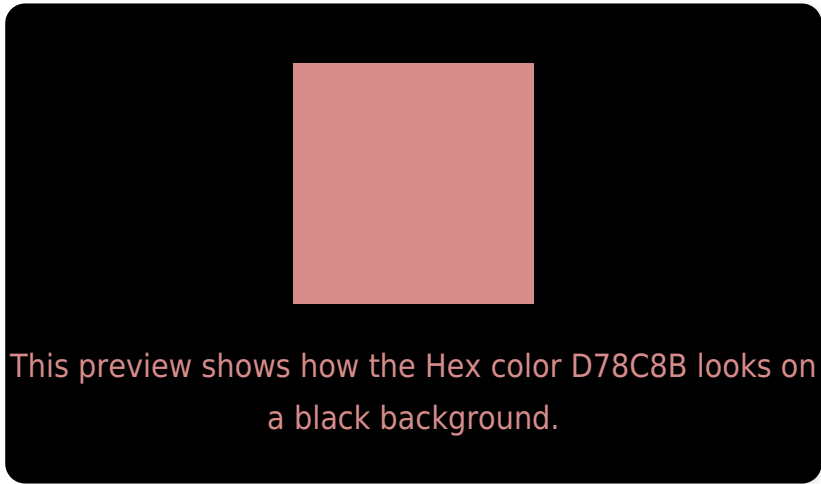
Large Text (above 18pt) WCAG AA × Fail

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 D78C8B Background



This preview shows how black text looks on a background with the Hex color D78C8B.

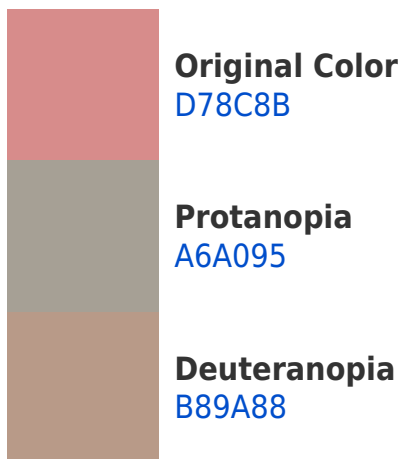


This preview shows how white text looks on a background with the Hex color D78C8B.

# 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](#).

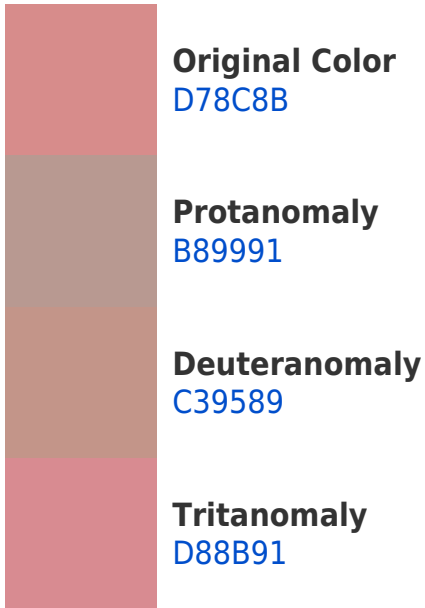
## Dichromacy



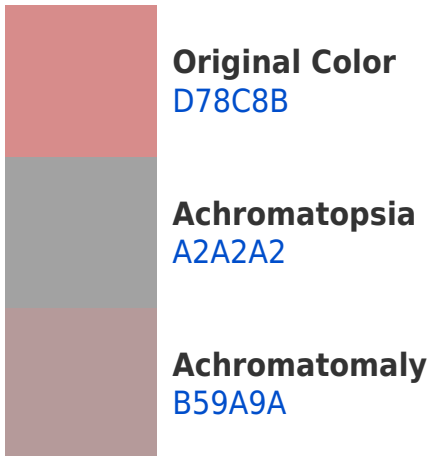


**Tritanopia**  
D88A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D78C8B 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 #D78C8B looks like.

```
.text, #text, p{  
    color:#D78C8B  
}
```

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 #D78C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D78C8B
}
```

## Border

The CSS property to change the border of an element to Hex D78C8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

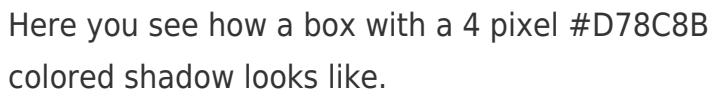
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D78C8B }
```

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

```
.border{ border-color:#D78C8B }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D78C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D78C8B; -webkit-box-shadow:4px 4px  
4px 4px #D78C8B; box-shadow:4px 4px 4px  
4px #D78C8B }
```

# Background

The CSS property to change the background color of an element to Hex D78C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D78C8B }
```

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

```
.background{ background-color:#D78C8B }
```

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