

# Converting Colors

Hex(D998C0)

Have a look what the booklet for  
Hex(D998C0) contains.

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# **Color**

**Hex(D998C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D998C0
RGB	217, 152, 192
RGB Percent	85%, 60%, 75%
CMY	0.1490, 0.4039, 0.2471
CMYK	0.00, 0.30, 0.12, 0.15
HSL	323°, 46%, 72%
HSV	323°, 30%, 85%
XYZ	49.3579, 41.0140, 55.1842
YIQ	175.9950, 25.9000, 26.2200

# Conversions

## Conversions Part 2

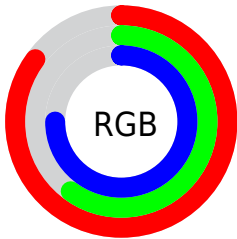
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 152, 192
Decimal	14260416
CIE <sub>Lab</sub>	70.19, 30.40, -10.86
CIE <sub>LCh</sub>	70, 32.284, 340.338
Yxy	41.0140, 0.3391, 0.2818
Android (android.graphics.Color)	4292450496 (0xFFD998C0)
YUV	175.9950, 7.8905, 35.9614
Hunter-Lab	64.0421, 25.4980, -6.2599

# Details

The Hex color **D998C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **98D9B1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFCFF8**, and **A1648B** is the 20% darker color. If you saturate the color by 10%, you get **D982B8**, and if you desaturate by 10%, it is **D9AEC8**.

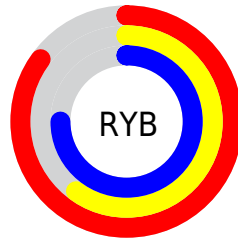
# Distribution



Red (85%)

Green (60%)

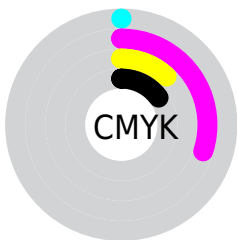
Blue (75%)



Red (85%)

Yellow (60%)

Blue (75%)

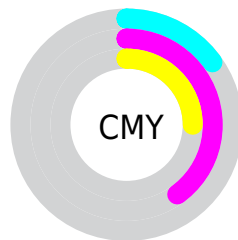


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D998C0 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 D998C0 by changing the saturation by 10% instead.



 D998C0

 D998C0

FFFFFF

 BD7EA5

 FFCFF8

 A1648B

 FFE8FF

 864B71

 6C3359

 531C41

 3A032B

 270017

 000000

 D998C0

 D998C0

 D982B8

 D9AEC8

 D96DAF

 D9C3D1

 D957A7

 D9D9D9

 D9419F

 D9EFE1

 D92B96

 D9FFEA

 D9168E

 D9FFF2

 D90086

 D9FFFA

 D9FFFF

# Harmonies

## Analogous

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



BCA0D8



D998C0



E695A2

# Triad

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



D998C0



B6AD71



4ABAD1

# Complementary

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



D998C0



98D9B1

# 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.



53BCB5



D998C0



95B57E

# Square

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



D998C0



D1A375



73BA97



67B4E2

# Rectangle

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



D998C0



E5988F



73BA97



48BBC8



# Sweetspot

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



D998C0



FFE8F6



B198D9



80717A



000000



808080



# Same Dimension

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



D998C0



FFA3DC



D998A0



6E6369



AD006B



2E001C



# Inverse Universe

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



D998C0



FFA3DC



98D9D1



6E6369



AD006B

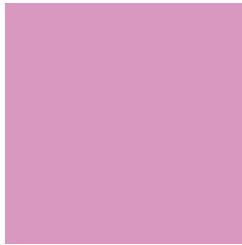


2E001C



# Previews

## White Background



This preview shows how the Hex color D998C0 looks on a white background.

## Color Contrast Check

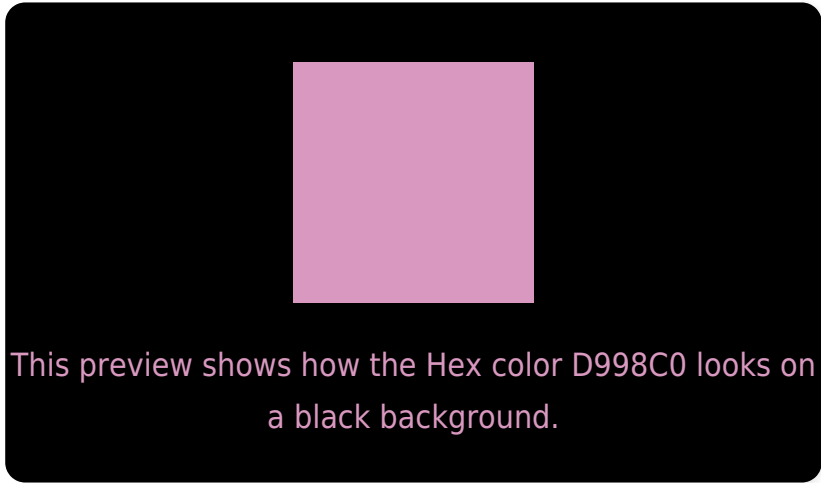
Large Text (above 18pt) WCAG AA × Fail

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

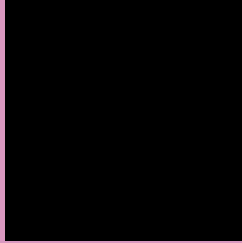
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D998C0 Background



This preview shows how black text looks on a background with the Hex color D998C0.

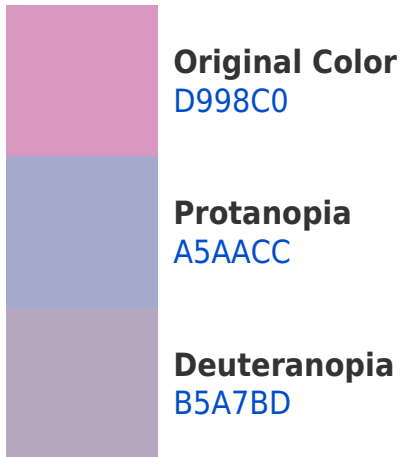


This preview shows how white text looks on a background with the Hex color D998C0.

# 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](#).

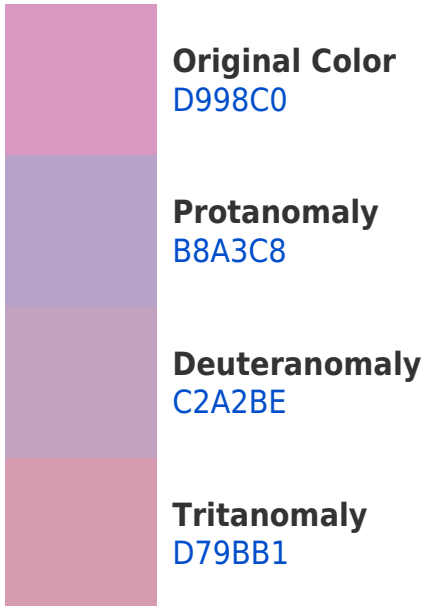
## Dichromacy



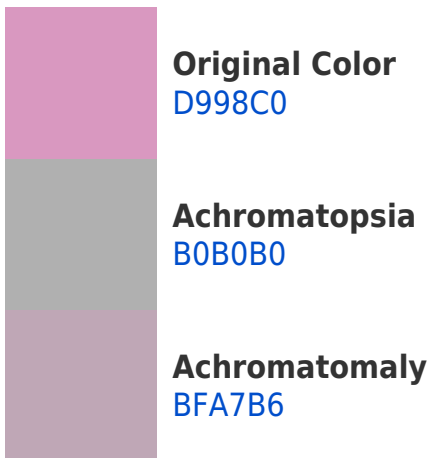


**Tritanopia**  
D69CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D998C0 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 #D998C0 looks like.

```
.text, #text, p{  
    color:#D998C0  
}
```

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 #D998C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D998C0
}
```

## Border

The CSS property to change the border of an element to Hex D998C0 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
#D998C0 }
```

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

```
.border{ border-color:#D998C0 }
```

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

Here you see how a box with a 4 pixel #D998C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D998C0; -webkit-box-shadow:4px 4px  
4px 4px #D998C0; box-shadow:4px 4px 4px  
4px #D998C0 }
```

# Background

The CSS property to change the background color of an element to Hex D998C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D998C0 }
```

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

```
.background{ background-color:#D998C0 }
```

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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