

# Converting Colors

Hex(D7A6A8)

Have a look what the booklet for  
Hex(D7A6A8) contains.

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# **Color**

**Hex(D7A6A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7A6A8
RGB	215, 166, 168
RGB Percent	84%, 65%, 66%
CMY	0.1569, 0.3490, 0.3412
CMYK	0.00, 0.23, 0.22, 0.16
HSL	358°, 38%, 75%
HSV	358°, 23%, 84%
XYZ	48.7284, 44.5467, 43.0759
YIQ	180.8790, 28.5620, 11.0100

# Conversions

## Conversions Part 2

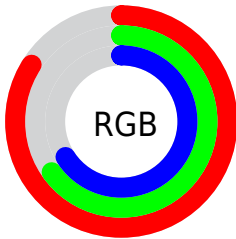
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 166, 168
Decimal	14132904
CIE Lab	72.59, 18.31, 5.92
CIE LCh	73, 19.247, 17.928
Yxy	44.5467, 0.3574, 0.3267
Android (android.graphics.Color)	4292322984 (0xFFD7A6A8)
YUV	180.8790, -6.3493, 29.9241
Hunter-Lab	66.7433, 13.5199, 8.4547

# Details

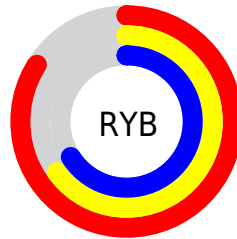
The Hex color **D7A6A8** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A6D7D5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFDDDF**, and **9F7274** is the 20% darker color. If you saturate the color by 10%, you get **D79193**, and if you desaturate by 10%, it is **D7BCBD**.

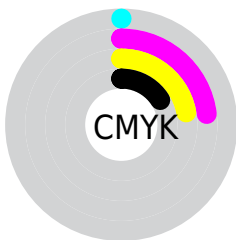
# Distribution



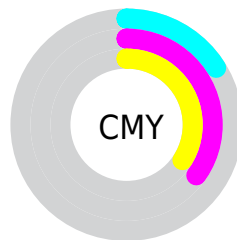
- Red (84%)
- Green (65%)
- Blue (66%)



- Red (84%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7A6A8 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 D7A6A8 by changing the saturation by 10% instead.



 D7A6A8

 D7A6A8

FFFFFF

 BB8C8E

 FFDDDF

 9F7274

 FFFAFC

 85595C

 6B4144

 522B2E

 391519

 250000

 000000

 D7A6A8

 D7A6A8

 D79193

 D7BCBD

 D77B7F

 D7D1D1

 D7666A

 D7E7E6

 D75056

 D7FCFA

 D73B41

 D7FFFF

 D7252C

 D71018

 D70009

# Harmonies

## Analogous

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



D1A6BA



D7A6A8



D3A999

# Triad

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



D7A6A8



A0B99A



95B6D4

# Complementary

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



D7A6A8



A6D7D5

# 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.



86BACC



D7A6A8



8EBCAA

# Square

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



D7A6A8



B5B491



83BCBC



ACB0D3

# Rectangle

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



D7A6A8



CBAD92



83BCBC



8FB7D2

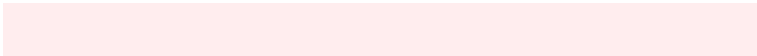


# Sweetspot

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



D7A6A8



FFEDEE



D5A6D7



807576



000000



808080



# Same Dimension

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



D7A6A8



FFBABD



D7BCA6



6B6061



AB0007



2B0002



# Inverse Universe

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



D7A6A8



FFBABD



A6C1D7



6B6061



AB0007

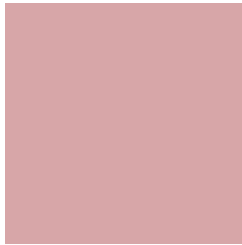


2B0002



# Previews

## White Background



This preview shows how the Hex color D7A6A8 looks on a white background.

## Color Contrast Check

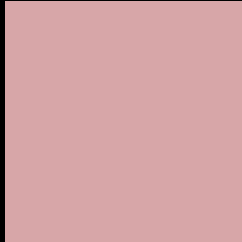
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D7A6A8 looks on a 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 D7A6A8 Background



This preview shows how black text looks on a background with the Hex color D7A6A8.



This preview shows how white text looks on a background with the Hex color D7A6A8.

# 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



**Original Color**  
D7A6A8

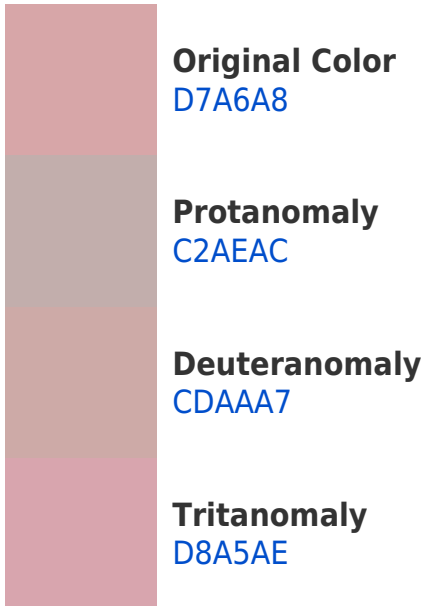
**Protanopia**  
B6B2AE

**Deuteranopia**  
C8ACA7

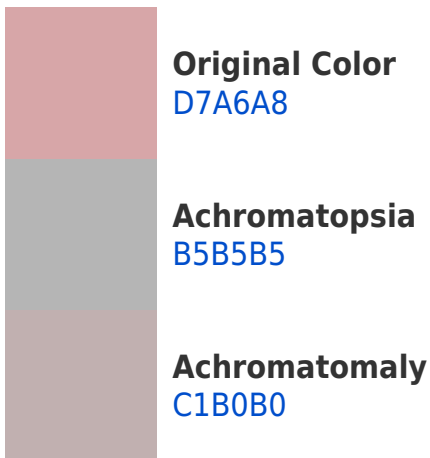


**Tritanopia**  
D8A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7A6A8 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 #D7A6A8 looks like.

```
.text, #text, p{  
    color:#D7A6A8  
}
```

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 #D7A6A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A6A8  
}
```

## Border

The CSS property to change the border of an element to Hex D7A6A8 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  
#D7A6A8 }
```

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

```
.border{ border-color:#D7A6A8 }
```

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

Here you see how a box with a 4 pixel #D7A6A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A6A8; -webkit-box-shadow:4px 4px  
4px 4px #D7A6A8; box-shadow:4px 4px 4px  
4px #D7A6A8 }
```

# Background

The CSS property to change the background color of an element to Hex D7A6A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A6A8 }
```

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

```
.background{ background-color:#D7A6A8 }
```

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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