

# Converting Colors

Hex(DA7D8A)

Have a look what the booklet for  
Hex(DA7D8A) contains.

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# **Color**

**Hex(DA7D8A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | DA7D8A                     |
| RGB           | 218, 125, 138              |
| RGB Percent   | 85%, 49%, 54%              |
| CMY           | 0.1451, 0.5098, 0.4588     |
| CMYK          | 0.00, 0.43, 0.37, 0.15     |
| HSL           | 352°, 56%, 67%             |
| HSV           | 352°, 43%, 85%             |
| XYZ           | 40.8345, 31.4076, 27.9548  |
| YIQ           | 154.2890, 51.2550, 23.7590 |

# Conversions

## Conversions Part 2

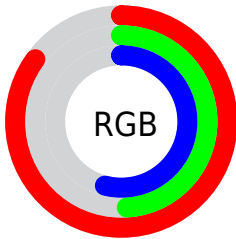
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 218, 125, 138                 |
| Decimal                             | 14318986                      |
| CIE Lab                             | 62.85, 37.41, 8.83            |
| CIE LCh                             | 63, 38.439, 13.286            |
| Yxy                                 | 31.4076, 0.4075,<br>0.3135    |
| Android<br>(android.graphics.Color) | 4292509066<br>(0xFFDA7D8A)    |
| YUV                                 | 154.2890, -8.0305,<br>55.8745 |
| Hunter-Lab                          | 56.0425, 31.9868,<br>9.6550   |

# Details

The Hex color **DA7D8A** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7DDACD**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB3BF**, and **A04A58** is the 20% darker color. If you saturate the color by 10%, you get **DA6777**, and if you desaturate by 10%, it is **DA939D**.

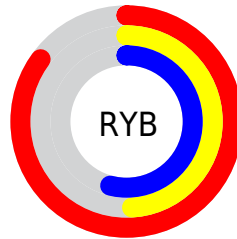
# Distribution



Red (85%)

Green (49%)

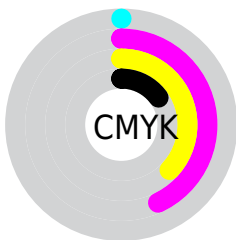
Blue (54%)



Red (85%)

Yellow (49%)

Blue (54%)

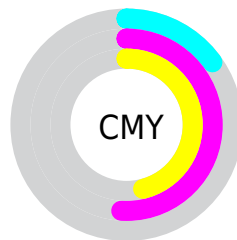


Cyan (0%)

Magenta (43%)

Yellow (37%)

Black (15%)



Cyan (15%)

Magenta (51%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA7D8A 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 DA7D8A by changing the saturation by 10% instead.



DA7D8A

DA7D8A

FFFFFF

BD6371

FFB3BF

A04A58

FFCFDB

843141

FFECF8

69162B

4E0017

360000

100000

000000

DA7D8A

DA7D8A

 DA6777

 DA939D

 DA5164

 DAA9B0

 DA3C52

 DABEC2

 DA263F

 DAD4D5

 DA102C

 DAEAE8

 DA001E

 DAFFFB

 DAFFFF

# Harmonies

## Analogous

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



CE7FAD



DA7D8A



D3846B

# Triad

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



DA7D8A



79A465



3BA1D9

# Complementary

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



DA7D8A



7DDACD

# 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.



00A8C6



DA7D8A



4BA983

# Square

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



DA7D8A



9F9B54



00AAA7



7E96DA

# Rectangle

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



DA7D8A



C78B5C



00AAA7



18A4D4



# Sweetspot

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



DA7D8A



FFDEE2



CC7DDA



806B6E



000000



808080



# Same Dimension

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



DA7D8A



FF7D8F



DA9E7D



6E6364



AD0018



2E0006



# Inverse Universe

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



DA7D8A



FF7D8F



7DB9DA



6E6364



AD0018



2E0006



# Previews

## White Background



This preview shows how the Hex color DA7D8A looks on a white background.

## Color Contrast Check

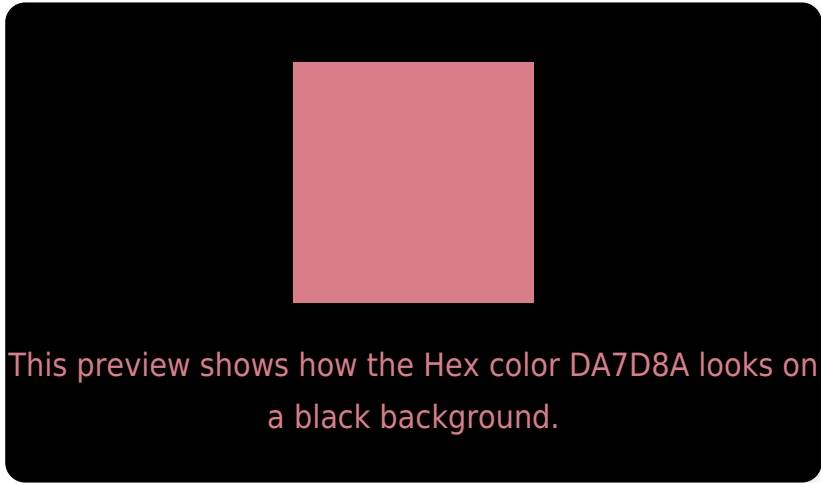
Large Text (above 18pt) WCAG AA × Fail

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 DA7D8A Background



This preview shows how black text looks on a background with the Hex color DA7D8A.

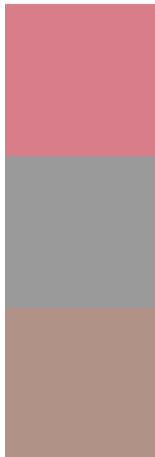


This preview shows how white text looks on a background with the Hex color DA7D8A.

# 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**  
DA7D8A

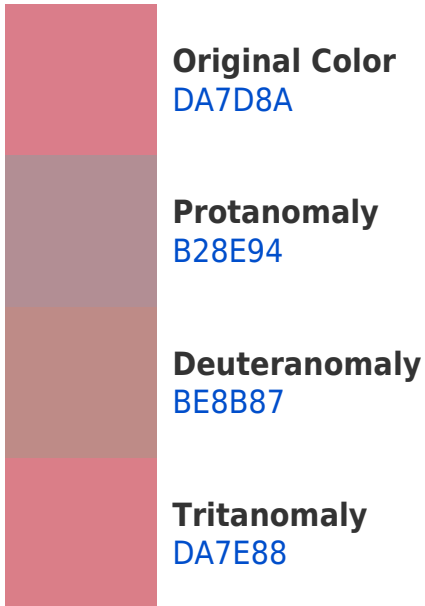
**Protanopia**  
9B9899

**Deuteranopia**  
AE9386

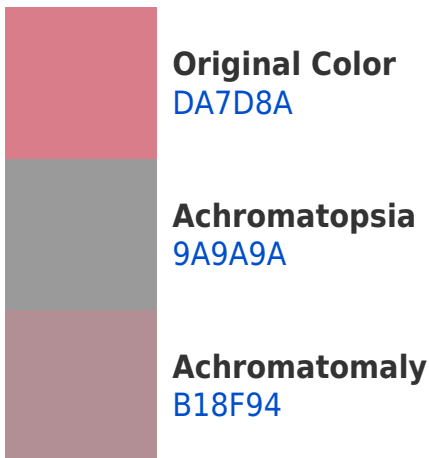


**Tritanopia**  
DA7E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA7D8A 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 #DA7D8A looks like.

```
.text, #text, p{  
    color:#DA7D8A  
}
```

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 #DA7D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA7D8A
}
```

## Border

The CSS property to change the border of an element to Hex DA7D8A 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
#DA7D8A }
```

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

```
.border{ border-color:#DA7D8A }
```

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

Here you see how a box with a 4 pixel #DA7D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA7D8A; -webkit-box-shadow:4px 4px  
4px 4px #DA7D8A; box-shadow:4px 4px 4px  
4px #DA7D8A }
```

# Background

The CSS property to change the background color of an element to Hex DA7D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA7D8A }
```

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

```
.background{ background-color:#DA7D8A }
```

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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