

# Converting Colors

Hex(DA697A)

Have a look what the booklet for  
Hex(DA697A) contains.

<b>Hex(DA697A)</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(DA697A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA697A
RGB	218, 105, 122
RGB Percent	85%, 41%, 48%
CMY	0.1451, 0.5882, 0.5216
CMYK	0.00, 0.52, 0.44, 0.15
HSL	351°, 60%, 63%
HSV	351°, 52%, 85%
XYZ	37.4779, 26.4137, 21.5354
YIQ	140.7250, 61.8910, 29.2430

# Conversions

## Conversions Part 2

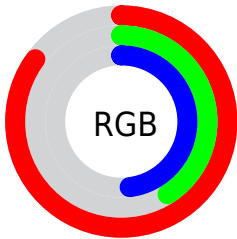
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 105, 122
Decimal	14313850
CIE <sub>Lab</sub>	58.43, 45.84, 11.80
CIE <sub>LCh</sub>	58, 47.332, 14.432
Yxy	26.4137, 0.4387, 0.3092
Android (android.graphics.Color)	4292503930 (0xFFDA697A)
YUV	140.7250, -9.2314, 67.7702
Hunter-Lab	51.3943, 40.2263, 11.1321

# Details

The Hex color **DA697A** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69DAC9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF9FAE**, and **9F344A** is the 20% darker color. If you saturate the color by 10%, you get **DA5367**, and if you desaturate by 10%, it is **DA7F8D**.

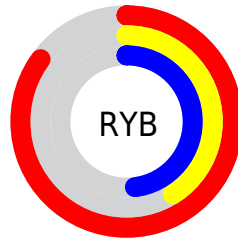
# Distribution



Red (85%)

Green (41%)

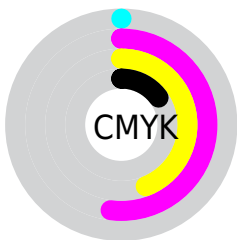
Blue (48%)



Red (85%)

Yellow (41%)

Blue (48%)

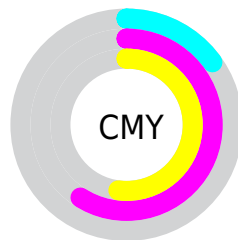


Cyan (0%)

Magenta (52%)

Yellow (44%)

Black (15%)



Cyan (15%)

Magenta (59%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA697A 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 DA697A by changing the saturation by 10% instead.



 DA697A

 DA697A

FFFFFF

 BC4F61

 FF9FAE

 9F344A

 FFBBCA

 821733

 FFD7E6

 66001E

 FFF4FF

 4B0005

 310002

 000000

 DA697A

 DA697A

 DA5367

 DA7F8D

 DA3D55

 DA959F

 DA2842

 DAAAB2

 DA1230

 DAC0C4

 DA0021

 DAD6D7

 DAECE9

 DAFFFC

 DAFFFF

# Harmonies

## Analogous

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



CE6CA4



DA697A



D17354

# Triad

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



DA697A



629A4F



0097DC

# Complementary

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



DA697A



69DAC9

# 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.



009FC6



DA697A



09A075

# Square

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



DA697A



919138



00A1A0



698ADD

# Rectangle

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



DA697A



C17D41



00A1A0



009AD7



# Sweetspot

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



DA697A



FFD6DC



C769DA



80676B



000000



808080



# Same Dimension

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



DA697A



FF6179



DA8F69



6E6364



AD001A



2E0007



# Inverse Universe

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



DA697A



FF6179



69B4DA



6E6364



AD001A



2E0007



# Previews

## White Background



This preview shows how the Hex color DA697A looks on a white background.

## Color Contrast Check

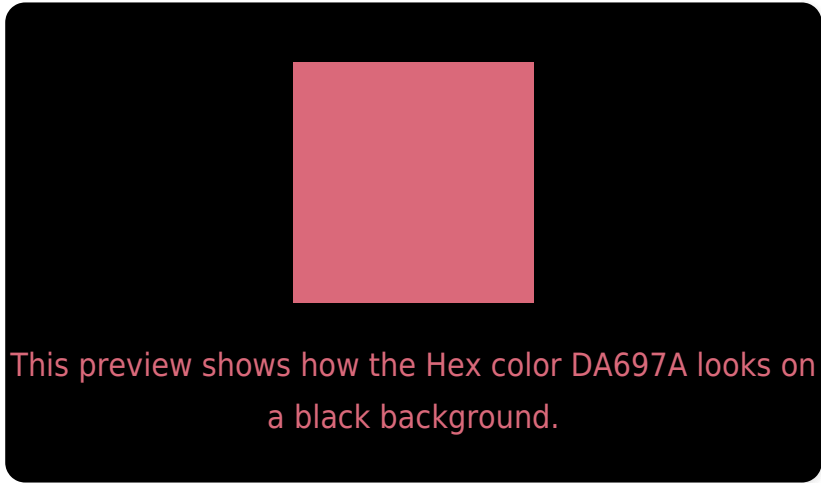
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex DA697A Background



This preview shows how black text looks on a background with the Hex color DA697A.

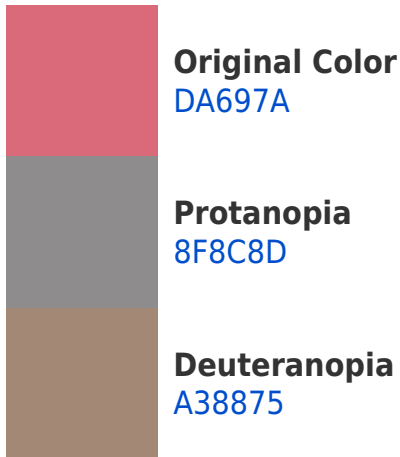



This preview shows how white text looks on a background with the Hex color DA697A.

# 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**  
D96A72

# Trichromacy



**Original Color**  
DA697A



**Protanomaly**  
AA7F86



**Deuteranomaly**  
B77D77

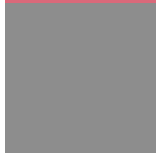


**Tritanomaly**  
D96A75

# Monochromacy



**Original Color**  
DA697A



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
A98086

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA697A 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 #DA697A looks like.

```
.text, #text, p{  
    color:#DA697A  
}
```

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 #DA697A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA697A
}
```

## Border

The CSS property to change the border of an element to Hex DA697A 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
#DA697A }
```

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

```
.border{ border-color:#DA697A }
```

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

Here you see how a box with a 4 pixel #DA697A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA697A; -webkit-box-shadow:4px 4px  
4px 4px #DA697A; box-shadow:4px 4px 4px  
4px #DA697A }
```

# Background

The CSS property to change the background color of an element to Hex DA697A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA697A }
```

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

```
.background{ background-color:#DA697A }
```

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