

# Converting Colors

Hex(DE97A2)

Have a look what the booklet for  
Hex(DE97A2) contains.

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# **Color**

**Hex(DE97A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE97A2
RGB	222, 151, 162
RGB Percent	87%, 59%, 64%
CMY	0.1294, 0.4078, 0.3647
CMYK	0.00, 0.32, 0.27, 0.13
HSL	351°, 52%, 73%
HSV	351°, 32%, 87%
XYZ	47.7124, 40.2714, 39.4409
YIQ	173.4830, 38.7850, 18.4730

# Conversions

## Conversions Part 2

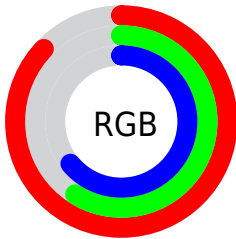
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 151, 162
Decimal	14587810
CIE <sub>Lab</sub>	69.66, 28.14, 5.12
CIE <sub>LCh</sub>	70, 28.604, 10.321
Yxy	40.2714, 0.3744, 0.3160
Android (android.graphics.Color)	4292777890 (0xFFDE97A2)
YUV	173.4830, -5.6611, 42.5494
Hunter-Lab	63.4598, 23.1510, 7.5725

# Details

The Hex color **DE97A2** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **97DED3**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCED9**, and **A5636E** is the 20% darker color. If you saturate the color by 10%, you get **DE818F**, and if you desaturate by 10%, it is **DEADB5**.

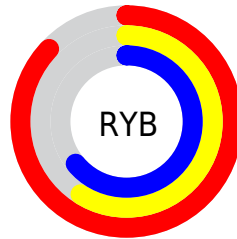
# Distribution



Red (87%)

Green (59%)

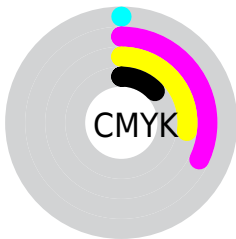
Blue (64%)



Red (87%)

Yellow (59%)

Blue (64%)

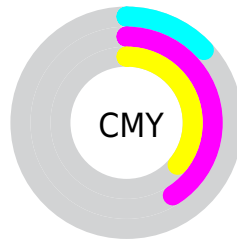


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (13%)



Cyan (13%)

Magenta (41%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE97A2 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 DE97A2 by changing the saturation by 10% instead.



 DE97A2

 DE97A2

FFFFFF

 C17D88

 FFCED9

 A5636E

 FFEAF5

 8A4B56

 6F333F

 551B29

 3C0315

 280001

 000000

 DE97A2

 DE97A2

 DE818F

 DEADB5

 DE6B7C

 DEC3C8

 DE546A

 DEDADA

 DE3E57

 DEF0ED

 DE2844

 DEFFFF

 DE1231

 DE0022

# Harmonies

## Analogous

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



D399BC



DE97A2



DB9B8A

# Triad

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



DE97A2



97B382



71B2DA

# Complementary

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



DE97A2



97DED3

# 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.



5AB7CB



DE97A2



79B798

# Square

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



DE97A2



B4AB77



60B9B3



96AADD

# Rectangle

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



DE97A2



D2A07E



60B9B3



67B4D6



# Sweetspot

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



DE97A2



FFE6E9



D297DE



807073



000000



808080



# Same Dimension

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



DE97A2



FF9EAD



DEAF97



706567



B0001B



300008



# Inverse Universe

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



DE97A2



FF9EAD



97C6DE



706567



B0001B

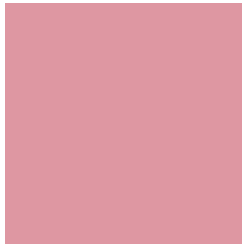


300008



# Previews

## White Background



This preview shows how the Hex color DE97A2 looks on a white background.

## Color Contrast Check

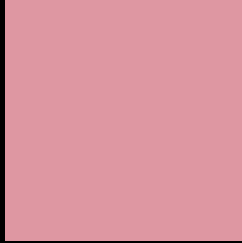
Large Text (above 18pt) WCAG AA × Fail

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 DE97A2 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 DE97A2 Background



This preview shows how black text looks on a background with the Hex color DE97A2.



This preview shows how white text looks on a background with the Hex color DE97A2.

# 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**  
DE97A2

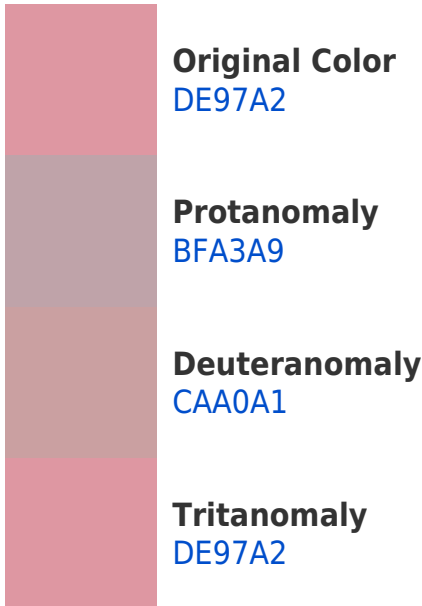
**Protanopia**  
ADAAAD

**Deuteranopia**  
BFA5A0

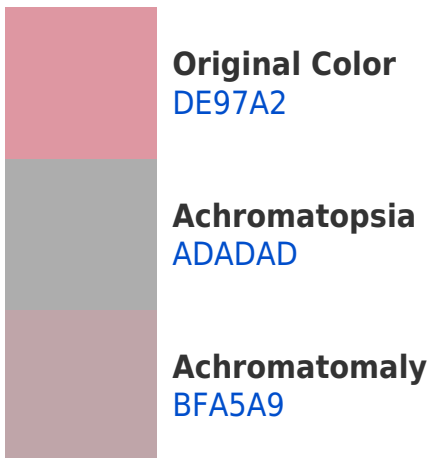


**Tritanopia**  
DE97A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE97A2 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 #DE97A2 looks like.

```
.text, #text, p{  
    color:#DE97A2  
}
```

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 #DE97A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE97A2
}
```

## Border

The CSS property to change the border of an element to Hex DE97A2 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
#DE97A2 }
```

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

```
.border{ border-color:#DE97A2 }
```

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

Here you see how a box with a 4 pixel #DE97A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE97A2; -webkit-box-shadow:4px 4px  
4px 4px #DE97A2; box-shadow:4px 4px 4px  
4px #DE97A2 }
```

# Background

The CSS property to change the background color of an element to Hex DE97A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE97A2 }
```

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

```
.background{ background-color:#DE97A2 }
```

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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