

# Converting Colors

Hex(DE98A7)

Have a look what the booklet for  
Hex(DE98A7) contains.

<b>Hex(DE98A7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DE98A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE98A7
RGB	222, 152, 167
RGB Percent	87%, 60%, 65%
CMY	0.1294, 0.4039, 0.3451
CMYK	0.00, 0.32, 0.25, 0.13
HSL	347°, 51%, 73%
HSV	347°, 32%, 87%
XYZ	48.3275, 40.7761, 41.8827
YIQ	174.6400, 36.9050, 19.5050

# Conversions

## Conversions Part 2

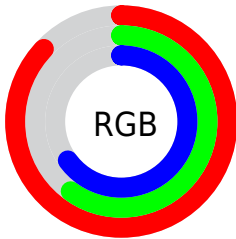
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 152, 167
Decimal	14588071
CIE <sub>Lab</sub>	70.02, 28.31, 2.86
CIE <sub>LCh</sub>	70, 28.449, 5.761
Yxy	40.7761, 0.3690, 0.3113
Android (android.graphics.Color)	4292778151 (0xFFDE98A7)
YUV	174.6400, -3.7665, 41.5347
Hunter-Lab	63.8562, 23.3437, 5.8116

# Details

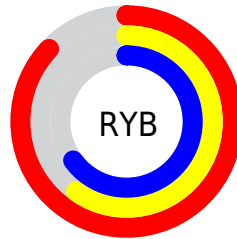
The Hex color **DE98A7** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **98DECF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCFDE**, and **A56473** is the 20% darker color. If you saturate the color by 10%, you get **DE8296**, and if you desaturate by 10%, it is **DEAEB8**.

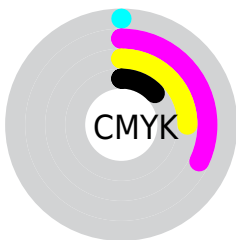
# Distribution



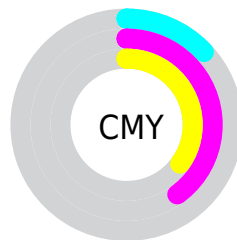
- Red (87%)
- Green (60%)
- Blue (65%)



- Red (87%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (32%)
- Yellow (25%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE98A7 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 DE98A7 by changing the saturation by 10% instead.



 DE98A7

 DE98A7

FFFFFF

 C17E8D

 FFCFDE

 A56473

 FFE8FB

 8A4B5B

 703443

 561C2D

 3C0419

 290001

 000000

 DE98A7

 DE98A7

 DE8296

 DEAE8B

 DE6C84

 DEC4CA

 DE5573

 DEDBDB

 DE3F61

 DEF1ED

 DE2950

 DEFFFE

 DE133E

 DEFFFF

 DE0030

# Harmonies

## Analogous

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



D09BC1



DE98A7



DD9B8E

# Triad

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



DE98A7



9CB381



6EB4DA

# Complementary

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



DE98A7



98DEC7

# 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.



5BB8C8



DE98A7



7FB895

# Square

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



DE98A7



B9AB78



64BAAF



91ACDE

# Rectangle

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



DE98A7



D5A081



64BAAF



65B5D5



# Sweetspot

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



DE98A7



FFE8ED



CF98DE



807174



000000



808080



# Same Dimension

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



DE98A7



FF9EB3



DEAC98



706567



B00026



30000A



# Inverse Universe

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



DE98A7



FF9EB3



98CADE



706567



B00026

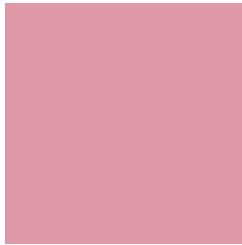


30000A



# Previews

## White Background



This preview shows how the Hex color DE98A7 looks on a white background.

## Color Contrast Check

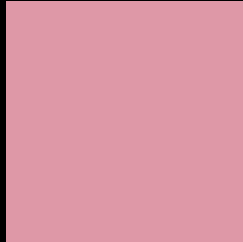
Large Text (above 18pt) WCAG AA × Fail

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 DE98A7 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 DE98A7 Background



This preview shows how black text looks on a background with the Hex color DE98A7.

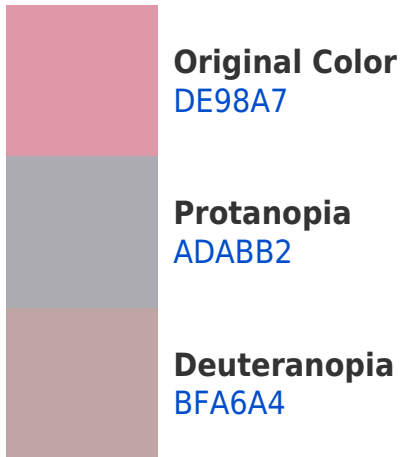


This preview shows how white text looks on a background with the Hex color DE98A7.

# 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](#).

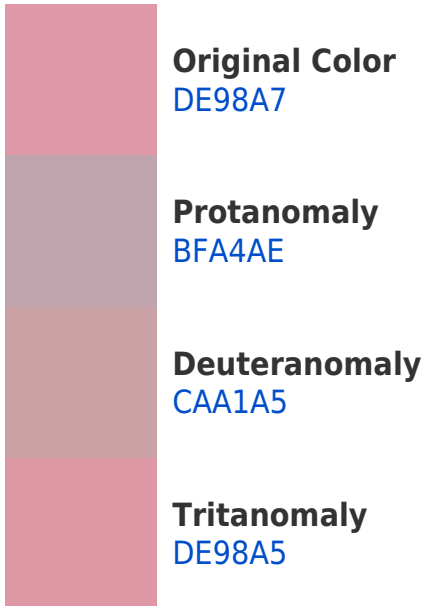
## Dichromacy



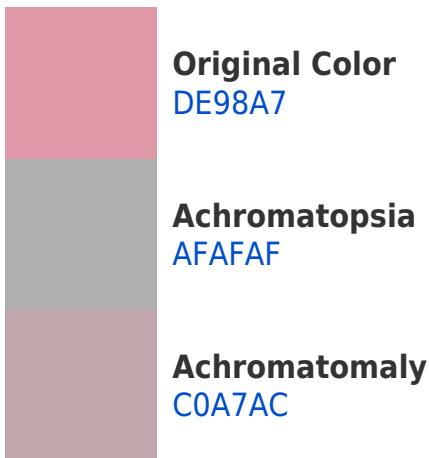


**Tritanopia**  
DE98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE98A7 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 #DE98A7 looks like.

```
.text, #text, p{  
    color:#DE98A7  
}
```

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 #DE98A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE98A7  
}
```

## Border

The CSS property to change the border of an element to Hex DE98A7 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  
#DE98A7 }
```

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

```
.border{ border-color:#DE98A7 }
```

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

Here you see how a box with a 4 pixel #DE98A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE98A7; -webkit-box-shadow:4px 4px  
4px 4px #DE98A7; box-shadow:4px 4px 4px  
4px #DE98A7 }
```

# Background

The CSS property to change the background color of an element to Hex DE98A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE98A7 }
```

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

```
.background{ background-color:#DE98A7 }
```

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