

# Converting Colors

Hex(DEA49B)

Have a look what the booklet for  
Hex(DEA49B) contains.

<b>Hex(DEA49B)</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(DEA49B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEA49B
RGB	222, 164, 155
RGB Percent	87%, 64%, 61%
CMY	0.1294, 0.3569, 0.3922
CMYK	0.00, 0.26, 0.30, 0.13
HSL	8°, 50%, 74%
HSV	8°, 30%, 87%
XYZ	49.3161, 44.4471, 36.9903
YIQ	180.3160, 37.4570, 9.4970

# Conversions

## Conversions Part 2

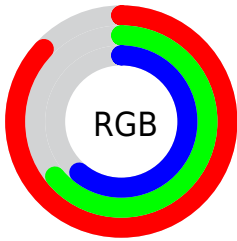
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">222, 165, 155</a>
Decimal	<a href="#">14591131</a>
CIELab	<a href="#">72.53, 20.20, 13.08</a>
CIElCh	<a href="#">73, 24.064, 32.922</a>
Yxy	<a href="#">44.4471, 0.3772, 0.3399</a>
Android (android.graphics.Color)	<a href="#">4292781211 (0xFFDEA49B)</a>
YUV	<a href="#">180.3160, -12.4808, 36.5569</a>
Hunter-Lab	<a href="#">66.6686, 15.3697, 13.7717</a>

# Details

The Hex color **DEA49B** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9BD5DE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFDBD1**, and **A57068** is the 20% darker color. If you saturate the color by 10%, you get **DE9185**, and if you desaturate by 10%, it is **DEB7B1**.

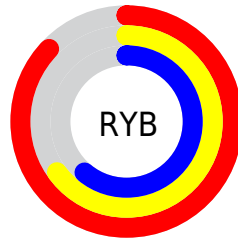
# Distribution



Red (87%)

Green (64%)

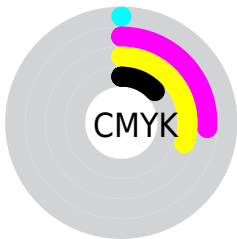
Blue (61%)



Red (87%)

Yellow (65%)

Blue (61%)

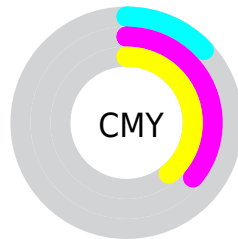


Cyan (0%)

Magenta (26%)

Yellow (30%)

Black (13%)



Cyan (13%)

Magenta (36%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEA49B 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 DEA49B by changing the saturation by 10% instead.



 DEA49B

 DEA49B

FFFFFF

 C18A81

 FFDBD1

 A57068

 FFF8EE

 8A5750

 703F39

 562923

 3D130E

 270000

 000000

 DEA49B

 DEA49B

 DE9185

 DEB7B1

 DE7E6F

 DECAC7

 DE6A58

 DEDEDE

 DE5742

 DEF1F4

 DE442C

 DEFFFF

 DE3116

 DE1E00

# Harmonies

## Analogous

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



DDA2B0



DEA49B



D3AA8B

# Triad

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



DEA49B



8FBC9D



9AB3DD

# Complementary

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



DEA49B



9BD5DE

# 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.



7FBAD8



DEA49B



7ABEB3

# Square

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



DEA49B



A8B88D



73BDC9



B8ACD7

# Rectangle

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



DEA49B



C7AF87



73BDC9



90B6DD



# Sweetspot

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



DEA49B



FFEBE8



DE9BD5



807371



000000



808080



# Same Dimension

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



DEA49B



FFB0A3



DEC59B



706665



B01800



300700



# Inverse Universe

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



9BD5DE



A3F3FF



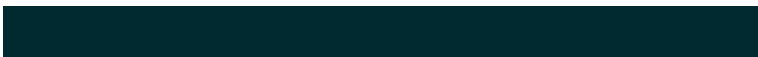
9BB4DE



656F70



0098B0

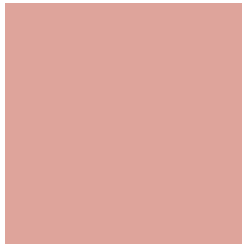


002A30



# Previews

## White Background



This preview shows how the Hex color DEA49B looks on a white background.

## Color Contrast Check

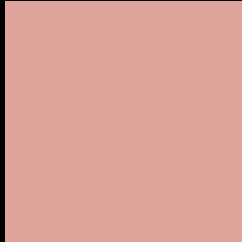
Large Text (above 18pt) WCAG AA × Fail

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 #DEA49B 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 DEA49B Background



This preview shows how black text looks on a background with the Hex color DEA49B.

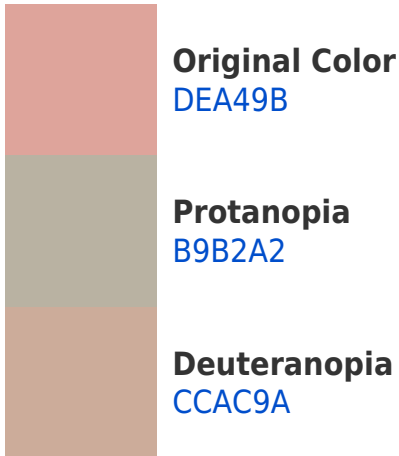


This preview shows how white text looks on a background with the Hex color DEA49B.

# Color Blindness Simulation

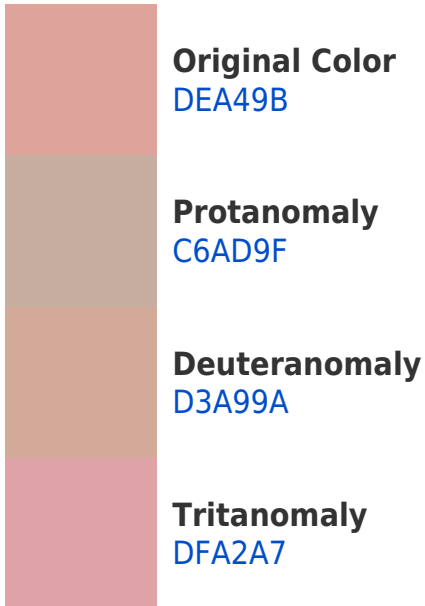
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

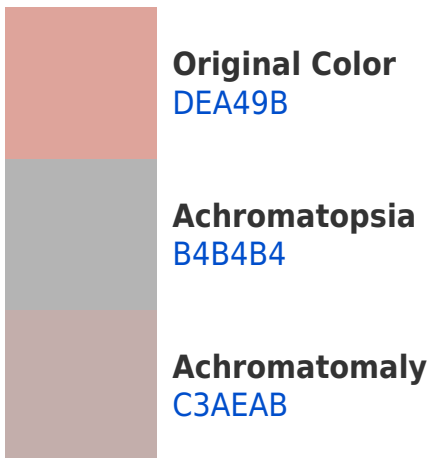




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEA49B 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 #DEA49B looks like.

```
.text, #text, p{  
    color:#DEA49B  
}
```

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 #DEA49B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA49B
}
```

## Border

The CSS property to change the border of an element to Hex DEA49B 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
#DEA49B }
```

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

```
.border{ border-color:#DEA49B }
```

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

Here you see how a box with a 4 pixel #DEA49B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA49B; -webkit-box-shadow:4px 4px  
4px 4px #DEA49B; box-shadow:4px 4px 4px  
4px #DEA49B }
```

# Background

The CSS property to change the background color of an element to Hex DEA49B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA49B }
```

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

```
.background{ background-color:#DEA49B }
```

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