

# Converting Colors

Hex(DC9886)

Have a look what the booklet for  
Hex(DC9886) contains.

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# **Color**

**Hex(DC9886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC9886
RGB	220, 152, 134
RGB Percent	86%, 60%, 53%
CMY	0.1373, 0.4039, 0.4745
CMYK	0.00, 0.31, 0.39, 0.14
HSL	13°, 55%, 69%
HSV	13°, 39%, 86%
XYZ	45.0465, 39.3933, 27.7837
YIQ	170.2800, 46.3060, 8.8180

# Conversions

## Conversions Part 2

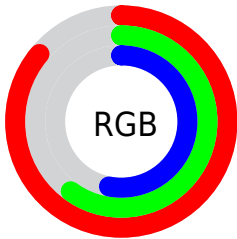
Format	Color
R <sub>YB</sub>	220, 157, 134
Decimal	14456966
CIE Lab	69.04, 23.30, 19.76
CIE LCh	69, 30.550, 40.296
Yxy	39.3933, 0.4014, 0.3510
Android (android.graphics.Color)	4292647046 (0xFFDC9886)
YUV	170.2800, -17.8860, 43.6044
Hunter-Lab	62.7641, 18.2742, 17.6890

# Details

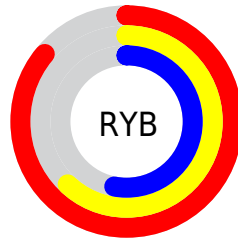
The Hex color **DC9886** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86CADC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCFBB**, and **A36554** is the 20% darker color. If you saturate the color by 10%, you get **DC8770**, and if you desaturate by 10%, it is **DCA99C**.

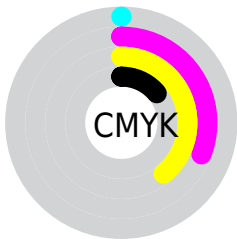
# Distribution



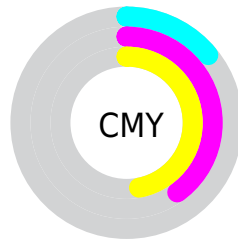
- Red (86%)
- Green (60%)
- Blue (53%)



- Red (86%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (39%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC9886 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 DC9886 by changing the saturation by 10% instead.



 DC9886

 DC9886

FFFFFF

 BF7E6D

 FFCFBB

 A36554

 FFEBD7

 874C3D

 FFFFF3

 6C3527

 521E12

 380700

 210001

 000000

 DC9886

 DC9886

 DC8770

 DCA99C

 DC755A

 DCBBB2

 DC6444

 DCCCC8

 DC522E

 DCDEDE

 DC4118

 DCEFF4

 DC3002

 DCFFFF

 DC2E00

# Harmonies

## Analogous

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



DF94A0



DC9886



CCA075

# Triad

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



DC9886



73B695



92A8DF

# Complementary

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



DC9886



86CADC

# 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.



69B0DC



DC9886



57B8B1

# Square

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



DC9886



94B17E



4FB6CB



B89ED3

# Rectangle

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



DC9886



BCA771



4FB6CB



84ABDF

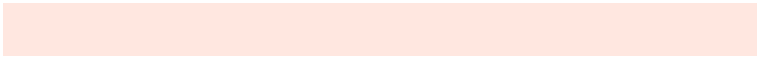


# Sweetspot

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



DC9886



FFE7E0



DC86CB



80716E



000000



808080



# Same Dimension

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



DC9886



FFA087



DCC286



6E6563



AD2400



2E0A00

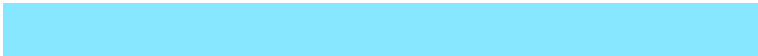


# Inverse Universe

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



86CADC



87E6FF



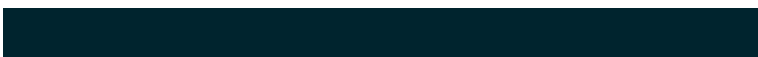
86A0DC



636B6E



0089AD



00242E



# Previews

## White Background



This preview shows how the Hex color DC9886 looks on a white background.

## Color Contrast Check

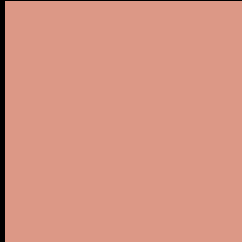
Large Text (above 18pt) WCAG AA × Fail

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 DC9886 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 DC9886 Background



This preview shows how black text looks on a background with the Hex color DC9886.

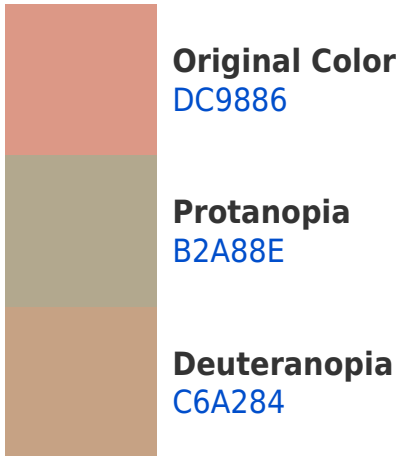


This preview shows how white text looks on a background with the Hex color DC9886.

# 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**  
DE94A0

# Trichromacy



**Original Color**  
DC9886

**Protanomaly**  
C1A28B

**Deuteranomaly**  
CE9E85

**Tritanomaly**  
DD9597

# Monochromacy



**Original Color**  
DC9886

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
BCA39D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC9886 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 #DC9886 looks like.

```
.text, #text, p{  
    color:#DC9886  
}
```

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 #DC9886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9886
}
```

## Border

The CSS property to change the border of an element to Hex DC9886 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
#DC9886 }
```

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

```
.border{ border-color:#DC9886 }
```

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

Here you see how a box with a 4 pixel #DC9886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9886; -webkit-box-shadow:4px 4px  
4px 4px #DC9886; box-shadow:4px 4px 4px  
4px #DC9886 }
```

# Background

The CSS property to change the background color of an element to Hex DC9886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9886 }
```

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

```
.background{ background-color:#DC9886 }
```

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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