

# Converting Colors

Hex(DC987B)

Have a look what the booklet for  
Hex(DC987B) contains.

<b>Hex(DC987B)</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(DC987B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC987B
RGB	220, 152, 123
RGB Percent	86%, 60%, 48%
CMY	0.1373, 0.4039, 0.5176
CMYK	0.00, 0.31, 0.44, 0.14
HSL	18°, 58%, 67%
HSV	18°, 44%, 86%
XYZ	44.3186, 39.1022, 23.9505
YIQ	169.0260, 49.8370, 5.3970

# Conversions

## Conversions Part 2

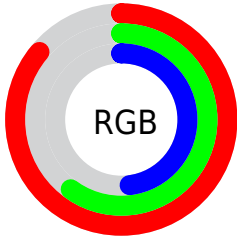
Format	Color
R <sub>Y</sub> B	220, 164, 123
Decimal	14456955
CIE Lab	68.83, 22.09, 25.52
CIE LCh	69, 33.756, 49.115
Yxy	39.1022, 0.4128, 0.3642
Android (android.graphics.Color)	4292647035 (0xFFDC987B)
YUV	169.0260, -22.6908, 44.7042
Hunter-Lab	62.5317, 17.0791, 21.0633

# Details

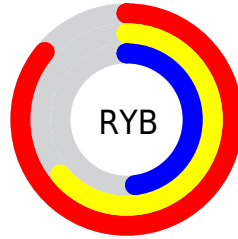
The Hex color **DC987B** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7BBFDC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFCFB0**, and **A2654A** is the 20% darker color. If you saturate the color by 10%, you get **DC8965**, and if you desaturate by 10%, it is **DCA791**.

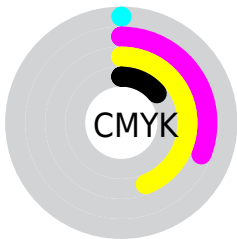
# Distribution



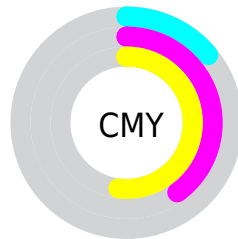
- Red (86%)
- Green (60%)
- Blue (48%)



- Red (86%)
- Yellow (64%)
- Blue (48%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC987B 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 DC987B by changing the saturation by 10% instead.



 DC987B

 DC987B

FFFFFF

 BF7E62

 FFCFB0


 A2654A

 FFEBCB

 874C33

 FFFFFE7

 6B351D

 511E06

 370800

 1F0001

 000000

 DC987B

 DC987B

 DC8965

 DCA791

 DC794F

 DCB7A7

 DC6A39

 DCC6BD

 DC5A23

 DCD6D3

 DC4B0D

 DCE5E9

 DC4200

 DCF5FF

 DCFFFF

# Harmonies

## Analogous

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



E49195



DC987B



C7A26C

# Triad

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



DC987B



61B89B



9CA4E1

# Complementary

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



DC987B



7BBFDC

# 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.



6CAEE3



DC987B



40B8BB

# Square

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



DC987B



86B47F



42B5D5



C499D0

# Rectangle

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



DC987B



B3A96B



42B5D5



8CA8E4

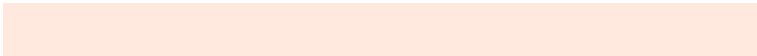


# Sweetspot

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



DC987B



FFE8DE



DC7BC1



80716B



000000



808080



# Same Dimension

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



DC987B



FFA078



DCC77B



6E6663



AD3400



2E0E00

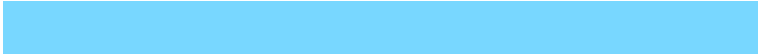


# Inverse Universe

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



7BBFDC



78D7FF



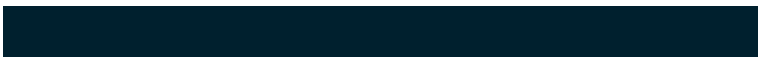
7B90DC



636A6E



007AAD



00202E



# Previews

## White Background



This preview shows how the Hex color DC987B looks on a white background.

## Color Contrast Check

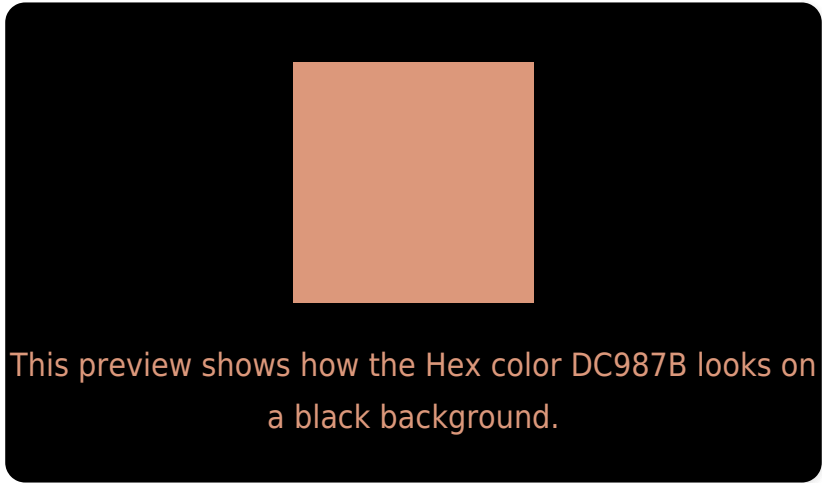
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

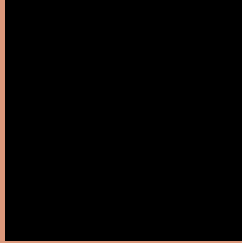
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC987B Background



This preview shows how black text looks on a background with the Hex color DC987B.

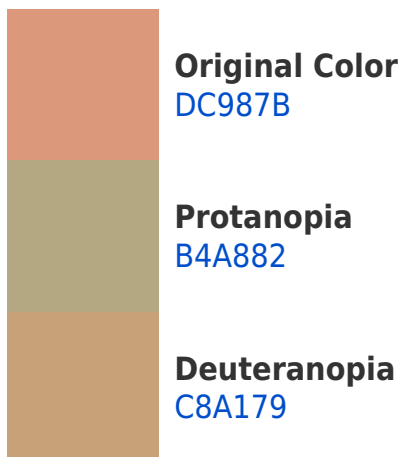


This preview shows how white text looks on a background with the Hex color DC987B.

# 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](#).

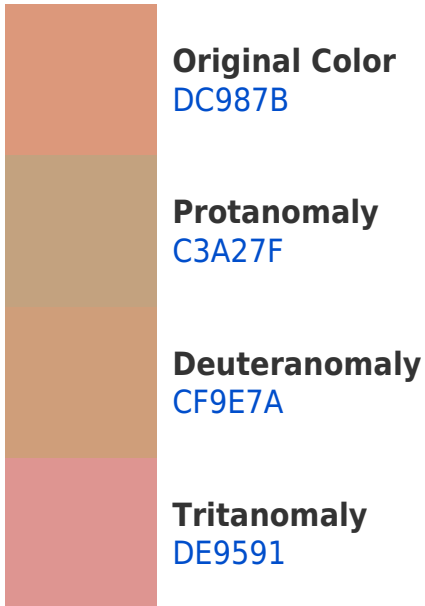
## Dichromacy



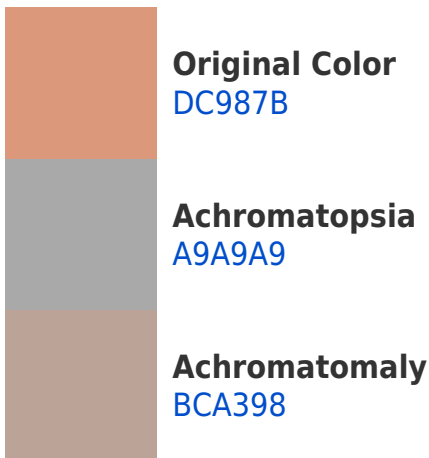


**Tritanopia**  
DF939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC987B 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 #DC987B looks like.

```
.text, #text, p{  
    color:#DC987B  
}
```

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 #DC987B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC987B
}
```

## Border

The CSS property to change the border of an element to Hex DC987B 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
#DC987B }
```

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

```
.border{ border-color:#DC987B }
```

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

Here you see how a box with a 4 pixel #DC987B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC987B; -webkit-box-shadow:4px 4px  
4px 4px #DC987B; box-shadow:4px 4px 4px  
4px #DC987B }
```

# Background

The CSS property to change the background color of an element to Hex DC987B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC987B }
```

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

```
.background{ background-color:#DC987B }
```

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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