

Converting Colors

Hex(DC9E66)

Have a look what the booklet for
Hex(DC9E66) contains.

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Color

Hex(DC9E66)

Conversions

Conversions Part 1

Format	Color
Hex	DC9E66
RGB	220, 158, 102
RGB Percent	86%, 62%, 40%
CMY	0.1373, 0.3804, 0.6000
CMYK	0.00, 0.28, 0.54, 0.14
HSL	28°, 63%, 63%
HSV	28°, 54%, 86%
XYZ	44.1403, 40.6287, 18.0860
YIQ	170.1540, 54.9280, -4.2720

Conversions

Conversions Part 2

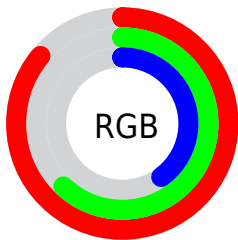
Format	Color
R _Y B	220, 209, 102
Decimal	14458470
CIE Lab	69.91, 16.88, 38.19
CIE LCh	70, 41.752, 66.157
Yxy	40.6287, 0.4292, 0.3950
Android (android.graphics.Color)	4292648550 (0xFFDC9E66)
YUV	170.1540, -33.5999, 43.7149
Hunter-Lab	63.7406, 12.0650, 27.7952

Details

The Hex color **DC9E66** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66A4DC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD59A**, and **A26B35** is the 20% darker color. If you saturate the color by 10%, you get **DC9250**, and if you desaturate by 10%, it is **DCAA7C**.

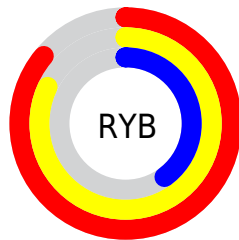
Distribution



Red (86%)

Green (62%)

Blue (40%)



Red (86%)

Yellow (82%)

Blue (40%)

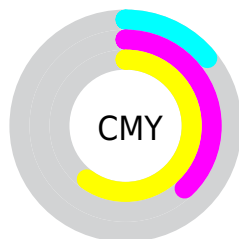


Cyan (0%)

Magenta (28%)

Yellow (54%)

Black (14%)



Cyan (14%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9E66 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 DC9E66 by changing the saturation by 10% instead.

 DC9E66

 DC9E66

FFFFFF

 BF844D

 FFD59A

 A26B35

 FFF1B5

 86521E

 FFFFD1

 6A3B05

 FFFFED

 4F2500

 351000

 1E0001

 000000

 DC9E66

 DC9E66

 DC9250

 DCAA7C

 DC873A

 DCB592

 DC7B24

 DCC1A8

 DC700E

 DCCCBE

 DC6800

 DCD8D4

 DCE3EA

 DCEFFF

 DCFAFF

 DCFFFF

Harmonies

Analogous

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



F09280



DC9E66



BBAB5E

Triad

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



DC9E66



1ABFB2



B99EE8

Complementary

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



DC9E66



66A4DC

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.



7EACF6



DC9E66



00BDD6

Square

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



DC9E66



63BC8B



2BB7EF



E191CA

Rectangle

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



DC9E66



A1B365



2BB7EF



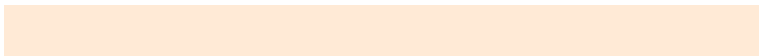
A7A3EF

Sweetspot

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



DC9E66



FFEAD6



DC66A5



807367



000000



808080

Same Dimension

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



DC9E66



FFA95C



DCD866



6E6863



AD5200



2E1600

Inverse Universe

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



66A4DC



5CB2FF



666ADC



63686E



005BAD



00182E

Previews

White Background



This preview shows how the Hex color DC9E66 looks on a white background.

Color Contrast Check

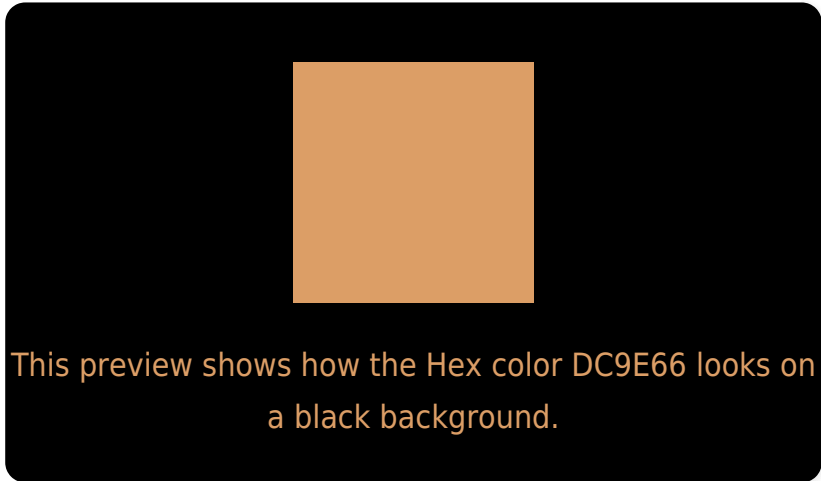
Large Text (above 18pt) WCAG AA × Fail

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

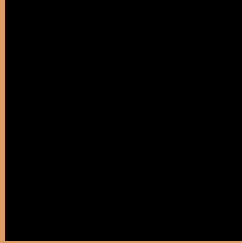
Any Text WCAG AA ✓ Pass

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 DC9E66 Background



This preview shows how black text looks on a background with the Hex color DC9E66.



This preview shows how white text looks on a background with the Hex color DC9E66.

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
DC9E66

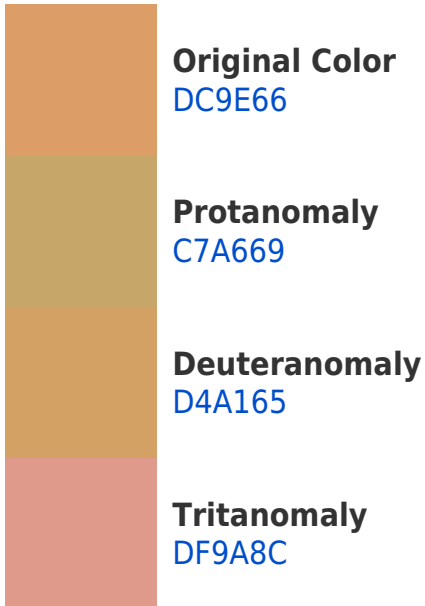
Protanopia
BBAB6B

Deuteranopia
D0A365



Tritanopia
E197A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9E66 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 #DC9E66 looks like.

```
.text, #text, p{  
    color:#DC9E66  
}
```

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 #DC9E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9E66
}
```

Border

The CSS property to change the border of an element to Hex DC9E66 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
#DC9E66 }
```

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

```
.border{ border-color:#DC9E66 }
```

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

Here you see how a box with a 4 pixel #DC9E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9E66; -webkit-box-shadow:4px 4px  
4px 4px #DC9E66; box-shadow:4px 4px 4px  
4px #DC9E66 }
```

Background

The CSS property to change the background color of an element to Hex DC9E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9E66 }
```

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

```
.background{ background-color:#DC9E66 }
```

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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