

# Converting Colors

Hex(DC9B68)

Have a look what the booklet for  
Hex(DC9B68) contains.

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# **Color**

**Hex(DC9B68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC9B68
RGB	220, 155, 104
RGB Percent	86%, 61%, 41%
CMY	0.1373, 0.3922, 0.5922
CMYK	0.00, 0.30, 0.53, 0.14
HSL	26°, 62%, 64%
HSV	26°, 53%, 86%
XYZ	43.7352, 39.6578, 18.4463
YIQ	168.6210, 55.1110, -2.0810

# Conversions

## Conversions Part 2

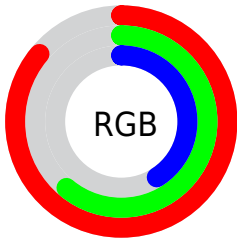
Format	Color
<b>R<sub>YB</sub></b>	220, 195, 104
Decimal	14457704
CIE Lab	69.23, 18.66, 36.27
CIE LCh	69, 40.793, 62.775
Yxy	39.6578, 0.4295, 0.3894
Android (android.graphics.Color)	4292647784 (0xFFDC9B68)
YUV	168.6210, -31.8582, 45.0594
Hunter-Lab	62.9744, 13.7615, 26.7150

# Details

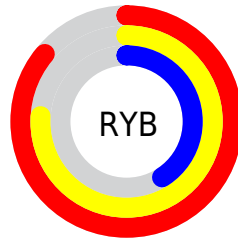
The Hex color **DC9B68** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68A9DC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD29C**, and **A26837** is the 20% darker color. If you saturate the color by 10%, you get **DC8F52**, and if you desaturate by 10%, it is **DCA77E**.

# Distribution



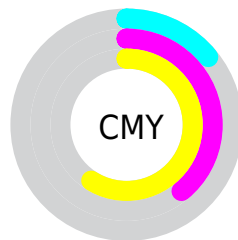
- Red (86%)
- Green (61%)
- Blue (41%)



- Red (86%)
- Yellow (76%)
- Blue (41%)



- Cyan (0%)
- Magenta (30%)
- Yellow (53%)
- Black (14%)



- Cyan (14%)
- Magenta (39%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC9B68 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 DC9B68 by changing the saturation by 10% instead.



 DC9B68

 DC9B68

FFFFFF

 BF814F

 FFD29C

 A26837

 FFEEB7

 864F20

 FFFFD3

 6A3808

 FFFFEF

 4F2200

 350D00

 1D0001

 000000

 DC9B68

 DC9B68

 DC8F52

 DCA77E

 DC823C

 DCB494

 DC7626

 DCC0AA

 DC6A10

 DCCCC0

 DC6100

 DCD9D6

 DCE5EC

 DCF1FF

 DCFEFF

 DCFFFF

# Harmonies

## Analogous

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



EE9083



DC9B68



BDA85E

# Triad

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



DC9B68



2CBDAB



B19EE7

# Complementary

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



DC9B68



68A9DC

# 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.



77ACF2



DC9B68



00BBD0

# Square

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



DC9B68



69BA86



24B6EA



DA91CB

# Rectangle

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



DC9B68



A4AF63



24B6EA



A0A3ED

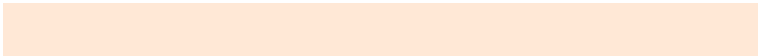


# Sweetspot

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



DC9B68



FFE8D6



DC68AA



807267



000000



808080



# Same Dimension

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



DC9B68



FFA55E



DCD468



6E6863



AD4C00



2E1400



# Inverse Universe

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



68A9DC



5EB8FF



6870DC



63696E



0061AD



001A2E



# Previews

## White Background



This preview shows how the Hex color DC9B68 looks on a white background.

## Color Contrast Check

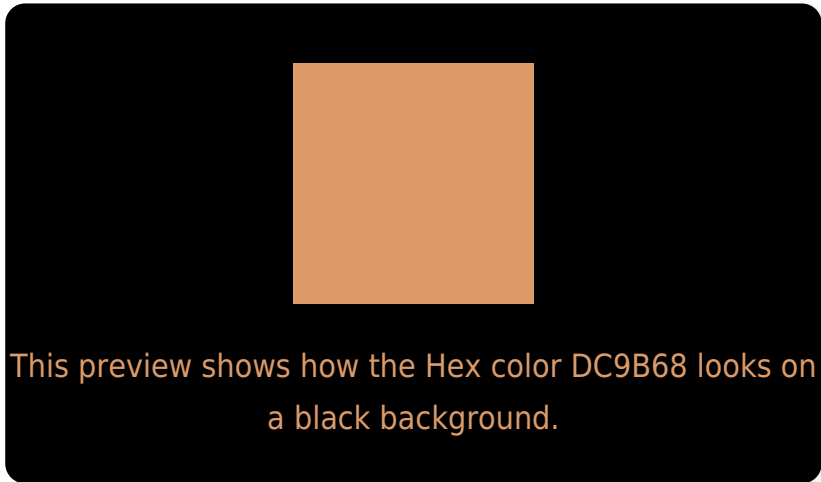
Large Text (above 18pt) WCAG AA × Fail

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

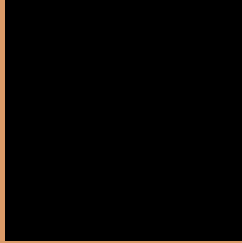
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC9B68 Background



This preview shows how black text looks on a background with the Hex color DC9B68.

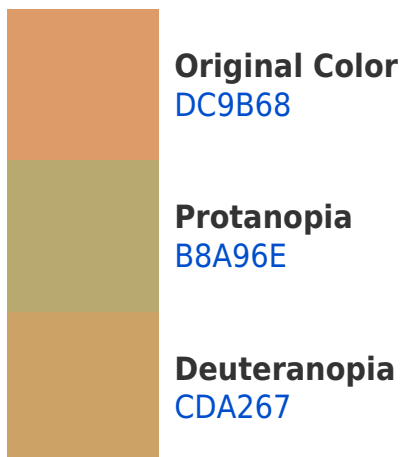


This preview shows how white text looks on a background with the Hex color DC9B68.

# 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](#).

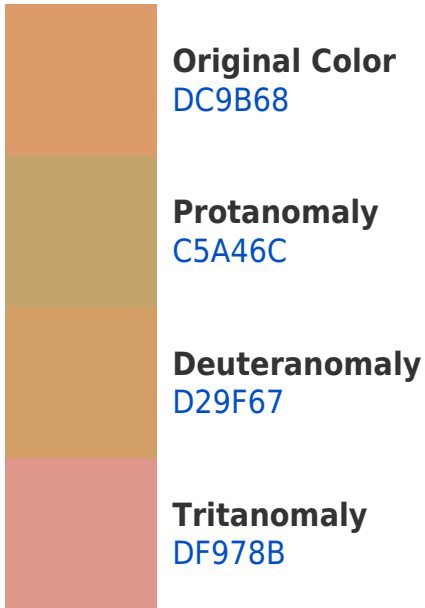
## Dichromacy



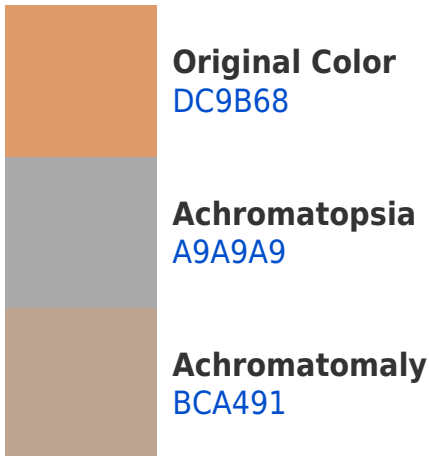


**Tritanopia**  
E0949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC9B68 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 #DC9B68 looks like.

```
.text, #text, p{  
    color:#DC9B68  
}
```

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 #DC9B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9B68  
}
```

## Border

The CSS property to change the border of an element to Hex DC9B68 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  
#DC9B68 }
```

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

```
.border{ border-color:#DC9B68 }
```

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

Here you see how a box with a 4 pixel #DC9B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9B68; -webkit-box-shadow:4px 4px  
4px 4px #DC9B68; box-shadow:4px 4px 4px  
4px #DC9B68 }
```

# Background

The CSS property to change the background color of an element to Hex DC9B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9B68 }
```

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

```
.background{ background-color:#DC9B68 }
```

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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