

# Converting Colors

Hex(DD9B78)

Have a look what the booklet for  
Hex(DD9B78) contains.

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# **Color**

**Hex(DD9B78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD9B78
RGB	221, 155, 120
RGB Percent	87%, 61%, 47%
CMY	0.1333, 0.3922, 0.5294
CMYK	0.00, 0.30, 0.46, 0.13
HSL	21°, 60%, 67%
HSV	21°, 46%, 87%
XYZ	44.9303, 40.1709, 23.1550
YIQ	170.7440, 50.5710, 3.1070

# Conversions

## Conversions Part 2

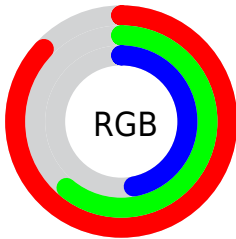
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 174, 120
Decimal	14523256
CIE <sub>Lab</sub>	69.59, 20.57, 28.19
CIE <sub>LCh</sub>	70, 34.899, 53.885
Yxy	40.1709, 0.4150, 0.3711
Android (android.graphics.Color)	4292713336 (0xFFDD9B78)
YUV	170.7440, -25.0168, 44.0745
Hunter-Lab	63.3805, 15.6223, 22.7058

# Details

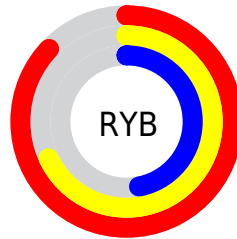
The Hex color **DD9B78** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78BADD**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD2AD**, and **A36847** is the 20% darker color. If you saturate the color by 10%, you get **DD8D62**, and if you desaturate by 10%, it is **DDA98E**.

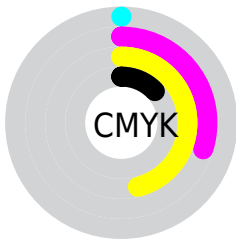
# Distribution



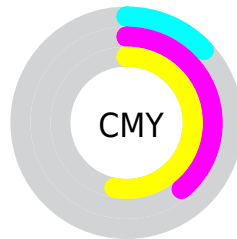
- Red (87%)
- Green (61%)
- Blue (47%)



- Red (87%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (13%)



- Cyan (13%)
- Magenta (39%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD9B78 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 DD9B78 by changing the saturation by 10% instead.



 DD9B78

 DD9B78

FFFFFF

 C0815F

 FFD2AD

 A36847

 FFEEC8

 874F30

 FFFFE4

 6C381A

 522102

 370C00

 210001

 000000

 DD9B78

 DD9B78

 DD8D62

 DDA98E

 DD7E4C

 DDB8A4

 DD7036

 DDC6BA

 DD6120

 DDD5D0

 DD530A

 DDE3E7

 DD4D00

 DDF2FD

 DDFFFF

# Harmonies

## Analogous

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



E89392



DD9B78



C5A66B

# Triad

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



DD9B78



59BBA2



A5A4E4

# Complementary

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



DD9B78



78BADD

# 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.



73AFE8



DD9B78



37BBC2

# Square

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



DD9B78



81B784



43B7DC



CC99D0

# Rectangle

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



DD9B78



B1AD6C



43B7DC



95A8E7

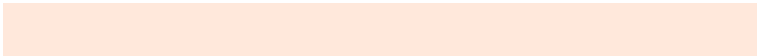


# Sweetspot

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



DD9B78



FFE8DB



DD78BB



80716A



000000



808080



# Same Dimension

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



DD9B78



FFA373



DDCC78



6E6663



AD3C00



2E1000



# Inverse Universe

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



78BADD



73CEFF



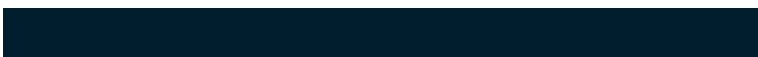
7889DD



636A6E



0071AD



001E2E



# Previews

## White Background



This preview shows how the Hex color DD9B78 looks on a white background.

## Color Contrast Check

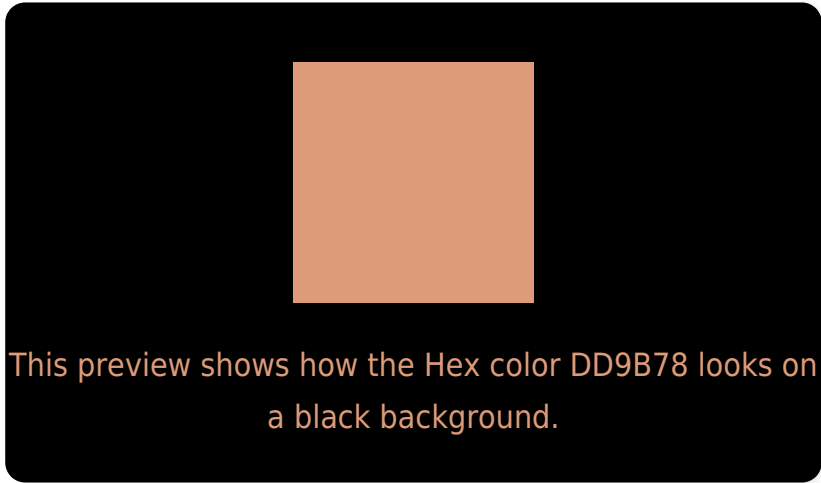
Large Text (above 18pt) WCAG AA × Fail

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

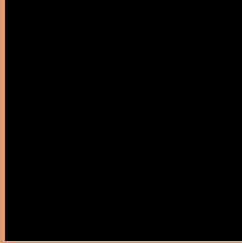
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD9B78 Background



This preview shows how black text looks on a background with the Hex color DD9B78.



This preview shows how white text looks on a background with the Hex color DD9B78.

# 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**  
DD9B78

**Protanopia**  
B7AA7F

**Deuteranopia**  
CBA376



**Tritanopia**  
E195A1

# Trichromacy



**Original Color**  
DD9B78

**Protanomaly**  
C5A57C

**Deuteranomaly**  
D2A077

**Tritanomaly**  
E09792

# Monochromacy



**Original Color**  
DD9B78

**Achromatopsia**  
ABABAB

**Achromatomaly**  
BDA598

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD9B78 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 #DD9B78 looks like.

```
.text, #text, p{  
    color:#DD9B78  
}
```

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 #DD9B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD9B78  
}
```

## Border

The CSS property to change the border of an element to Hex DD9B78 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  
#DD9B78 }
```

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

```
.border{ border-color:#DD9B78 }
```

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

Here you see how a box with a 4 pixel #DD9B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD9B78; -webkit-box-shadow:4px 4px  
4px 4px #DD9B78; box-shadow:4px 4px 4px  
4px #DD9B78 }
```

# Background

The CSS property to change the background color of an element to Hex DD9B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD9B78 }
```

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

```
.background{ background-color:#DD9B78 }
```

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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