

# Converting Colors

Hex(D9B766)

Have a look what the booklet for  
Hex(D9B766) contains.

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# **Color**

**Hex(D9B766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9B766
RGB	217, 183, 102
RGB Percent	85%, 72%, 40%
CMY	0.1490, 0.2824, 0.6000
CMYK	0.00, 0.16, 0.53, 0.15
HSL	42°, 60%, 63%
HSV	42°, 53%, 85%
XYZ	47.9470, 49.5780, 19.6128
YIQ	183.9320, 46.2650, -17.9830

# Conversions

## Conversions Part 2

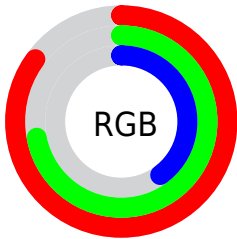
Format	Color
<a href="#">RYB</a>	<a href="#">150, 217, 102</a>
Decimal	<a href="#">14268262</a>
CIELab	<a href="#">75.81, 2.30, 45.34</a>
CIELCh	<a href="#">76, 45.399, 87.102</a>
Yxy	<a href="#">49.5780, 0.4093, 0.4232</a>
Android (android.graphics.Color)	<a href="#">4292458342</a> ( <a href="#">0xFFD9B766</a> )
YUV	<a href="#">183.9320, -40.3925, 29.0006</a>
Hunter-Lab	<a href="#">70.4116, -1.6702, 32.7732</a>

# Details

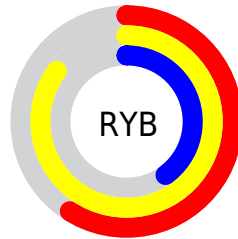
The Hex color **D9B766** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6688D9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFEF9B**, and **A08234** is the 20% darker color. If you saturate the color by 10%, you get **D9B150**, and if you desaturate by 10%, it is **D9BD7C**.

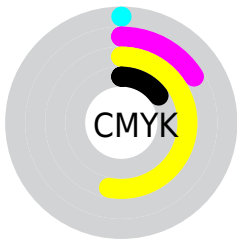
# Distribution



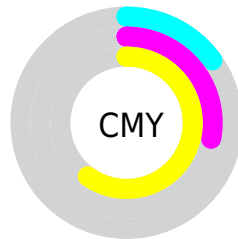
- Red (85%)
- Green (72%)
- Blue (40%)



- Red (59%)
- Yellow (85%)
- Blue (40%)



- Cyan (0%)
- Magenta (16%)
- Yellow (53%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9B766 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 D9B766 by changing the saturation by 10% instead.



 D9B766

 D9B766

FFFFFF

 BC9C4D

 FFEF9B

 A08234

 FFFFB6

 84691A

 FFFFDD

 695100

 FFFFEE

 4F3B00

 352500

 1C1100

 000000

 D9B766

 D9B766

 D9B150

 D9BD7C

 D9AA3B

 D9C491

 D9A425

 D9CAA7

 D99D0F

 D9D1BD

 D99900

 D9D7D3

 D9DDE8

 D9E4FE

 D9EAFB

 D9F1FF

# Harmonies

## Analogous

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



F9A876



D9B766



AFC46E

# Triad

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



D9B766



00D0E0



EBA2E9

# Complementary

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



D9B766



6688D9

# 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.



B9B1FF



D9B766



00CBFF

# Square

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



D9B766



39D1B5



71C0FF



FF9AC1

# Rectangle

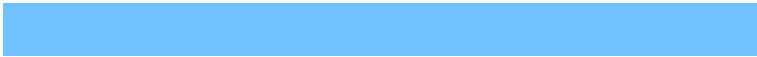
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9B766



8ECA80



71C0FF



DDA7F4



# Sweetspot

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



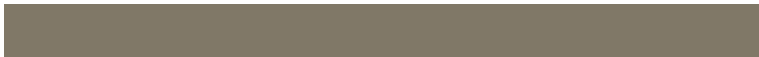
D9B766



FFF3D6



D96689



807867



000000



808080



# Same Dimension

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



D9B766



FFCF5C



C2D966



6E6A63



AD7A00



2E2000



# Inverse Universe

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



6688D9



5C8CFF



7D66D9



63666E



0033AD



000E2E



# Previews

## White Background



This preview shows how the Hex color D9B766 looks on a white background.

## Color Contrast Check

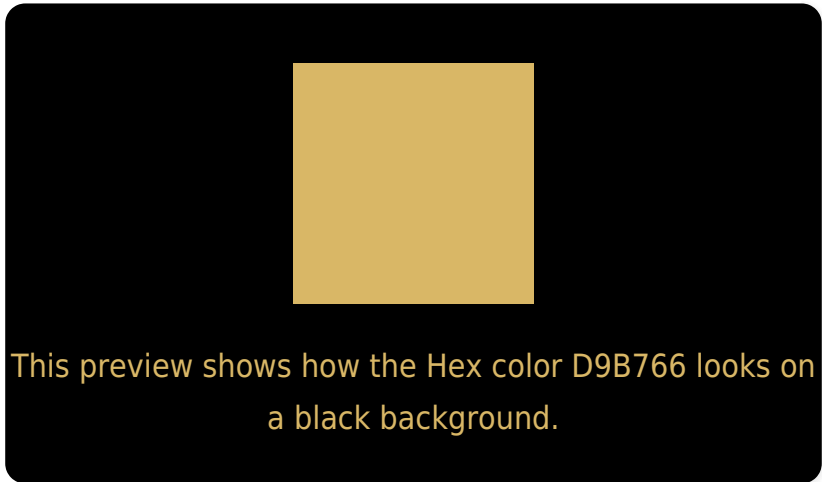
Large Text (above 18pt) WCAG AA × Fail

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 D9B766 Background



This preview shows how black text looks on a background with the Hex color D9B766.



This preview shows how white text looks on a background with the Hex color D9B766.

# 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](#).

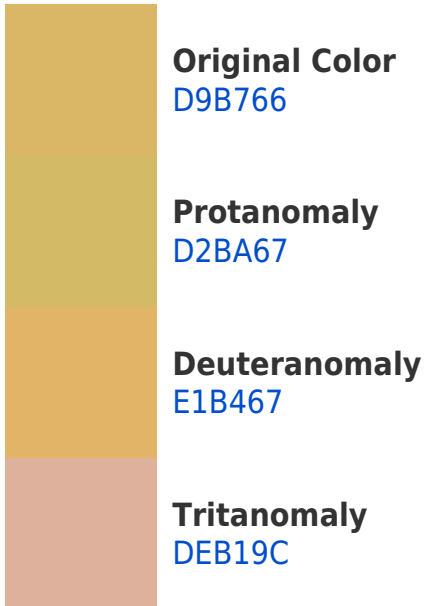
## Dichromacy



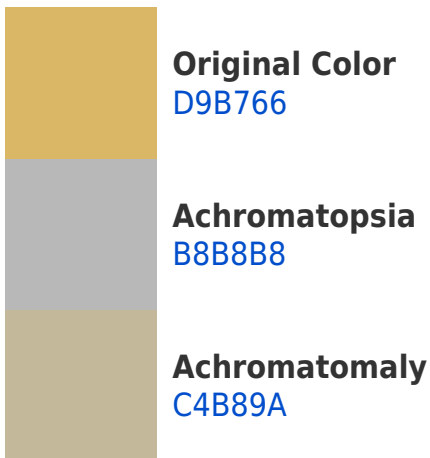


**Tritanopia**  
E1ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9B766 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 #D9B766 looks like.

```
.text, #text, p{  
    color:#D9B766  
}
```

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 #D9B766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9B766
}
```

## Border

The CSS property to change the border of an element to Hex D9B766 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
#D9B766 }
```

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

```
.border{ border-color:#D9B766 }
```

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

Here you see how a box with a 4 pixel #D9B766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9B766; -webkit-box-shadow:4px 4px  
4px 4px #D9B766; box-shadow:4px 4px 4px  
4px #D9B766 }
```

# Background

The CSS property to change the background color of an element to Hex D9B766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9B766 }
```

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

```
.background{ background-color:#D9B766 }
```

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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