

# Converting Colors

Hex(D6B981)

Have a look what the booklet for  
Hex(D6B981) contains.

<b>Hex(D6B981)</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(D6B981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6B981
RGB	214, 185, 129
RGB Percent	84%, 73%, 51%
CMY	0.1608, 0.2745, 0.4941
CMYK	0.00, 0.14, 0.40, 0.16
HSL	40°, 51%, 67%
HSV	40°, 40%, 84%
XYZ	49.0430, 50.5790, 27.9468
YIQ	187.2870, 35.2600, -11.2680

# Conversions

## Conversions Part 2

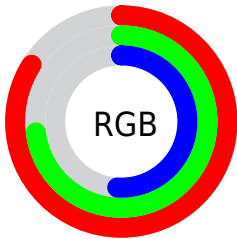
Format	Color
<a href="#">RYB</a>	<a href="#">173, 214, 129</a>
Decimal	<a href="#">14072193</a>
CIELab	<a href="#">76.42, 2.66, 32.25</a>
CIELCh	<a href="#">76, 32.358, 85.286</a>
Yxy	<a href="#">50.5790, 0.3844, 0.3965</a>
Android (android.graphics.Color)	<a href="#">4292262273 (0xFFD6B981)</a>
YUV	<a href="#">187.2870, -28.7355, 23.4273</a>
Hunter-Lab	<a href="#">71.1189, -1.3662, 26.4848</a>

# Details

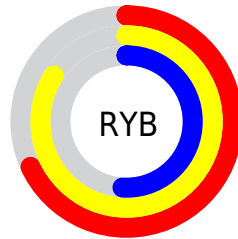
The Hex color **D6B981** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **819ED6**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF1B6**, and **9E844F** is the 20% darker color. If you saturate the color by 10%, you get **D6B26C**, and if you desaturate by 10%, it is **D6C096**.

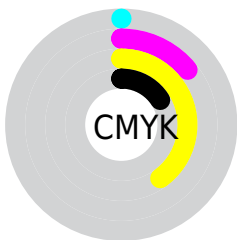
# Distribution



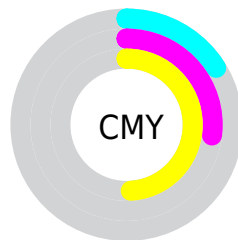
- Red (84%)
- Green (73%)
- Blue (51%)



- Red (68%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6B981 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 D6B981 by changing the saturation by 10% instead.



 D6B981

 D6B981

FFFFFF

 BA9E67

 FFF1B6

 9E844F

 FFFFD2

 836B37

 FFFFEF

 685320

 4F3C08

 372600

 1E1200

 000000

 D6B981

 D6B981

 D6B26C

 D6C096

 D6AA56

 D6C8AC

 D6A341

 D6CFC1

 D69C2B

 D6D6D7

 D69416

 D6DEEC

 D68D01

 D6E5FF

 D68D00

 D6ECFF

 D6F3FF

 D6FBFF

# Harmonies

## Analogous

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



EDAF8C



D6B981



B7C286

# Triad

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



D6B981



5DCDD5



DEACDF

# Complementary

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



D6B981



819ED6

# 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.



BAB7F2



D6B981



68C9ED

# Square

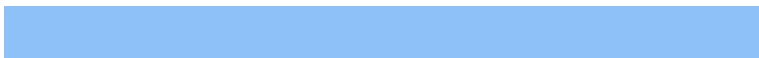
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D6B981



73CDB7



8EC1F8



F4A7C2

# Rectangle

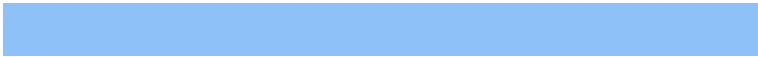
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6B981



A0C792



8EC1F8



D4B0E7

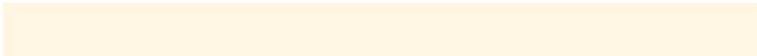


# Sweetspot

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



D6B981



FFF5E0



D6819F



80796E



000000



808080



# Same Dimension

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



D6B981



FFD585



C9D681



6B6760



AB7100



2B1D00



# Inverse Universe

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



819ED6



85AEFF



8E81D6



60646B



003AAB

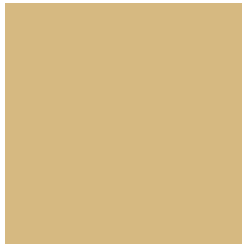


000F2B



# Previews

## White Background



This preview shows how the Hex color D6B981 looks on a white background.

## Color Contrast Check

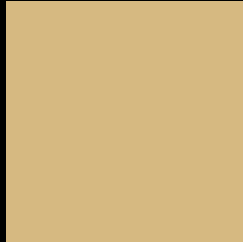
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D6B981 looks on a 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 D6B981 Background



This preview shows how black text looks on a background with the Hex color D6B981.

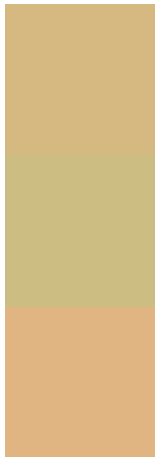


This preview shows how white text looks on a background with the Hex color D6B981.

# 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**  
D6B981

**Protanopia**  
CCBD82

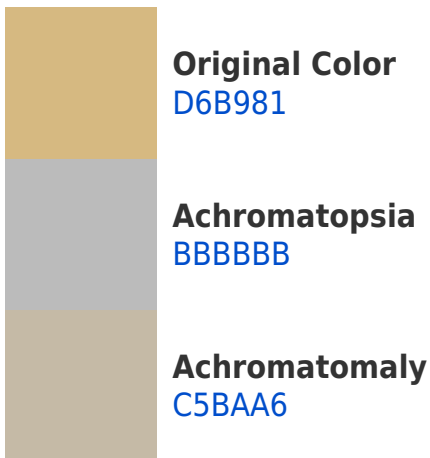
**Deuteranopia**  
E1B582



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6B981 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 #D6B981 looks like.

```
.text, #text, p{  
    color:#D6B981  
}
```

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 #D6B981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B981
}
```

## Border

The CSS property to change the border of an element to Hex D6B981 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
#D6B981 }
```

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

```
.border{ border-color:#D6B981 }
```

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

Here you see how a box with a 4 pixel #D6B981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B981; -webkit-box-shadow:4px 4px  
4px 4px #D6B981; box-shadow:4px 4px 4px  
4px #D6B981 }
```

# Background

The CSS property to change the background color of an element to Hex D6B981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B981 }
```

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

```
.background{ background-color:#D6B981 }
```

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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