

# Converting Colors

Hex(DBB18D)

Have a look what the booklet for  
Hex(DBB18D) contains.

<b>Hex(DBB18D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(DBB18D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB18D
RGB	219, 177, 141
RGB Percent	86%, 69%, 55%
CMY	0.1412, 0.3059, 0.4471
CMYK	0.00, 0.19, 0.36, 0.14
HSL	28°, 52%, 71%
HSV	28°, 36%, 86%
XYZ	49.7433, 48.4274, 31.9250
YIQ	185.4540, 36.5880, -2.2920

# Conversions

## Conversions Part 2

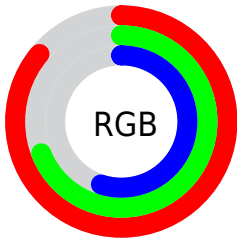
Format	Color
R <sub>Y</sub> B	219, 208, 141
Decimal	14397837
CIE Lab	75.09, 10.29, 24.19
CIE LCh	75, 26.288, 66.956
Yxy	48.4274, 0.3824, 0.3722
Android (android.graphics.Color)	4292587917 (0xFFDDBB18D)
YUV	185.4540, -21.9158, 29.4198
Hunter-Lab	69.5898, 5.8108, 21.5130

# Details

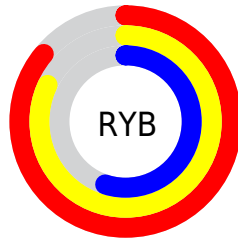
The Hex color **DBB18D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **8DB7DB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFE9C3**, and **A37C5B** is the 20% darker color. If you saturate the color by 10%, you get **DBA577**, and if you desaturate by 10%, it is **DBBDA3**.

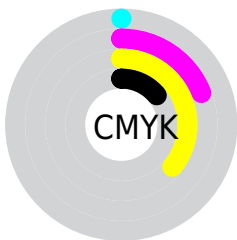
# Distribution



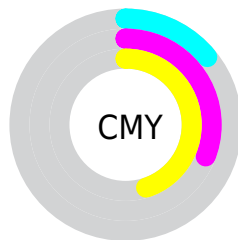
- Red (86%)
- Green (69%)
- Blue (55%)



- Red (86%)
- Yellow (82%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBB18D 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 DBB18D by changing the saturation by 10% instead.





DBB18D



DBB18D

FFFFFF



BE9673



FFE9C3



A37C5B



FFFDFD



876443



FFFFFB



6D4C2C



533517



3B1F00



230A00



000000



DBB18D



DBB18D

 DBA577

 DBBDA3

 DB9961

 DBC9B9

 DB8E4B

 DBD4CF

 DB8235

 DBE0E5

 DB7620

 DBECFB

 DB6A0A

 DBF8FF

 DB6500

 DBFFFF

# Harmonies

## Analogous

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



E8AA9D



DBB18D



C5B989

# Triad

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



DBB18D



79C7BE



C4B1E0

# Complementary

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



DBB18D



8DB7DB

# 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.



A3B9E9



DBB18D



72C5D5

# Square

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



DBB18D



8FC5A5



84C1E5



DDAACC

# Rectangle

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



DBB18D



B3BE8D



84C1E5



BAB4E4

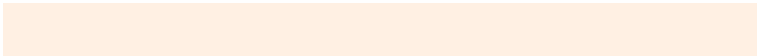


# Sweetspot

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



DBB18D



FFF0E3



DB8DB8



80776F



000000



808080



# Same Dimension

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



DBB18D



FFC491



DBD78D



6E6863



AD5000



2E1500

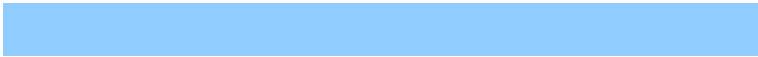


# Inverse Universe

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



8DB7DB



91CCFF



8D91DB



63696E



005DAD



00192E



# Previews

## White Background



This preview shows how the Hex color DBB18D looks on a white background.

## Color Contrast Check

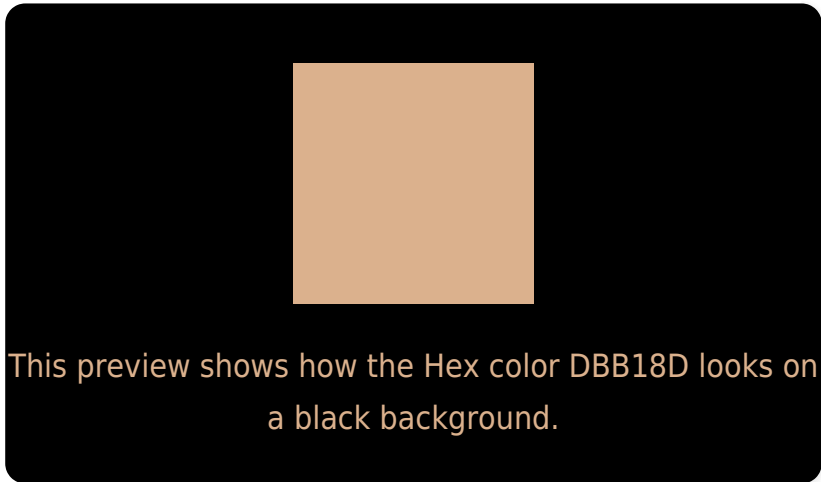
Large Text (above 18pt) WCAG AA × Fail

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

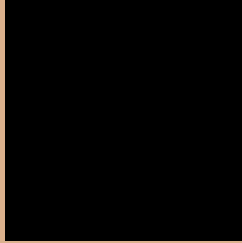
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBB18D Background



This preview shows how black text looks on a background with the Hex color DBB18D.



This preview shows how white text looks on a background with the Hex color DBB18D.

# 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**  
DBB18D

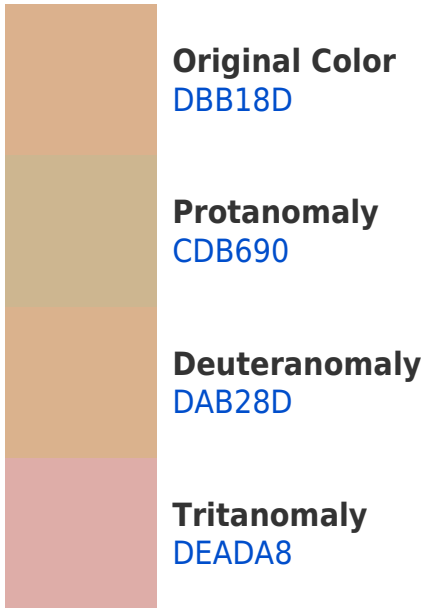
**Protanopia**  
C5B991

**Deuteranopia**  
DAB28D

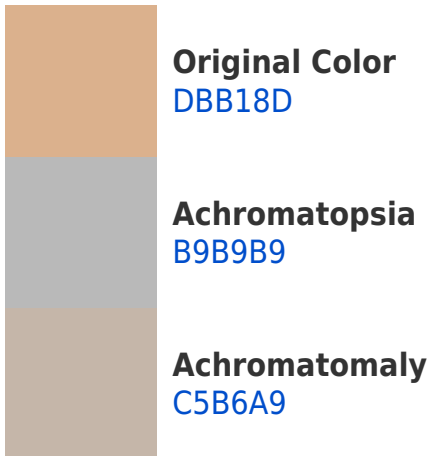


**Tritanopia**  
E0ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB18D 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 #DBB18D looks like.

```
.text, #text, p{  
    color:#DBB18D  
}
```

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 #DBB18D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB18D
}
```

## Border

The CSS property to change the border of an element to Hex DBB18D 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
#DBB18D }
```

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

```
.border{ border-color:#DBB18D }
```

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

Here you see how a box with a 4 pixel #DBB18D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB18D; -webkit-box-shadow:4px 4px  
4px 4px #DBB18D; box-shadow:4px 4px 4px  
4px #DBB18D }
```

# Background

The CSS property to change the background color of an element to Hex DBB18D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB18D }
```

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

```
.background{ background-color:#DBB18D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor