

# Converting Colors

Hex(DBB28A)

Have a look what the booklet for  
Hex(DBB28A) contains.

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**Color**

**Hex(DBB28A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB28A
RGB	219, 178, 138
RGB Percent	86%, 70%, 54%
CMY	0.1412, 0.3020, 0.4588
CMYK	0.00, 0.19, 0.37, 0.14
HSL	30°, 53%, 70%
HSV	30°, 37%, 86%
XYZ	49.7213, 48.7358, 30.8311
YIQ	185.6990, 37.2760, -3.7480

# Conversions

## Conversions Part 2

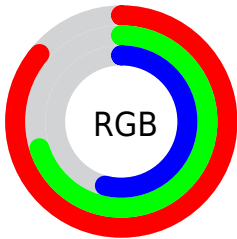
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 217, 138
Decimal	14398090
CIE <sub>Lab</sub>	75.29, 9.40, 26.06
CIE <sub>LCh</sub>	75, 27.701, 70.166
Yxy	48.7358, 0.3846, 0.3770
Android (android.graphics.Color)	4292588170 (0xFFDDBB28A)
YUV	185.6990, -23.5156, 29.2050
Hunter-Lab	69.8111, 4.9630, 22.6831

# Details

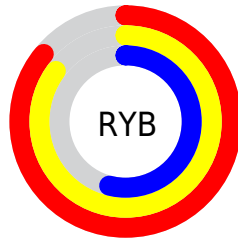
The Hex color **DBB28A** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8AB3DB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFEAC0**, and **A37D58** is the 20% darker color. If you saturate the color by 10%, you get **DBA774**, and if you desaturate by 10%, it is **DBBDA0**.

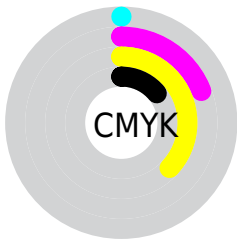
# Distribution



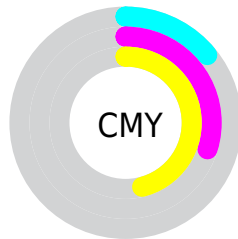
- Red (86%)
- Green (70%)
- Blue (54%)



- Red (86%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (30%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBB28A 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 DBB28A by changing the saturation by 10% instead.



 DBB28A

FFFFFF

 FFEAC0

 FFFFDC

 FFFFF8

 DBB28A

 BE9770

 A37D58

 876440

 6D4D29

 533614

 3B2000

 230B00

 000000

 DBB28A

 DBB28A

 DBA774

 DBBDA0

 DB9C5E

 DBC8B6

 DB9148

 DBD3CC

 DB8632

 DBDEE2

 DB7B1C

 DBE9F8

 DB6F07

 DBF5FF

 DB6C00

 DBFFFF

# Harmonies

## Analogous

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



EAAA9A



DBB28A



C3BB87

# Triad

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



DBB28A



73C8C1



C8B0E0

# Complementary

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



DBB28A



8AB3DB

# 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.



A6B9EB



DBB28A



6EC6D9

# Square

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



DBB28A



8AC6A7



83C1E9



E1A9CB

# Rectangle

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



DBB28A



B1C08D



83C1E9



BEB3E5

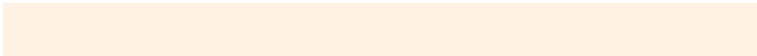


# Sweetspot

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



DBB28A



FFF1E3



DB8AB4



80776F



000000



808080



# Same Dimension

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



DBB28A



FFC68F



DBDA8A



6E6863



AD5600



2E1700

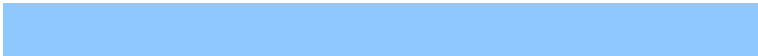


# Inverse Universe

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



8AB3DB



8FC8FF



8A8BDB



63686E



0058AD



00172E



# Previews

## White Background



This preview shows how the Hex color DBB28A looks on a white background.

## Color Contrast Check

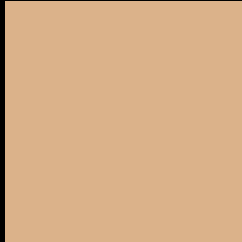
Large Text (above 18pt) WCAG AA × Fail

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 DBB28A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

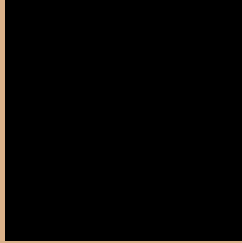
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBB28A Background



This preview shows how black text looks on a background with the Hex color DBB28A.

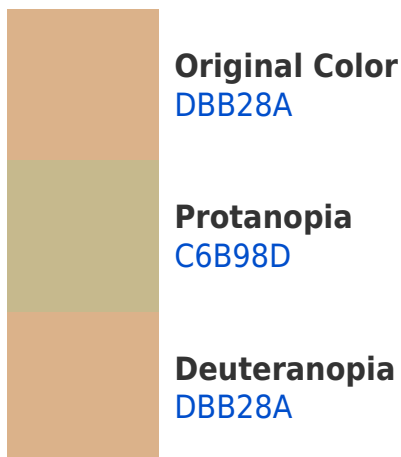


This preview shows how white text looks on a background with the Hex color DBB28A.

# 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**  
E0ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB28A 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 #DBB28A looks like.

```
.text, #text, p{  
    color:#DBB28A  
}
```

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 #DBB28A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB28A
}
```

## Border

The CSS property to change the border of an element to Hex DBB28A 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
#DBB28A }
```

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

```
.border{ border-color:#DBB28A }
```

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

Here you see how a box with a 4 pixel #DBB28A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB28A; -webkit-box-shadow:4px 4px  
4px 4px #DBB28A; box-shadow:4px 4px 4px  
4px #DBB28A }
```

# Background

The CSS property to change the background color of an element to Hex DBB28A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB28A }
```

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

```
.background{ background-color:#DBB28A }
```

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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