

# Converting Colors

Hex(DBC87B)

Have a look what the booklet for  
Hex(DBC87B) contains.

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# **Color**

**Hex(DBC87B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC87B
RGB	219, 200, 123
RGB Percent	86%, 78%, 48%
CMY	0.1412, 0.2157, 0.5176
CMYK	0.00, 0.09, 0.44, 0.14
HSL	48°, 57%, 67%
HSV	48°, 44%, 86%
XYZ	53.4428, 57.7987, 27.0784
YIQ	196.9030, 36.0410, -19.9190

# Conversions

## Conversions Part 2

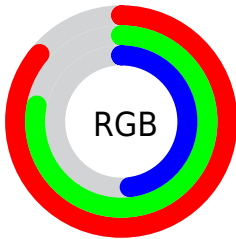
Format	Color
<a href="#">RYB</a>	<a href="#">147, 219, 123</a>
Decimal	<a href="#">14403707</a>
CIELab	<a href="#">80.63, -3.81, 40.83</a>
CIELCh	<a href="#">81, 41.003, 95.329</a>
Yxy	<a href="#">57.7987, 0.3864, 0.4179</a>
Android (android.graphics.Color)	<a href="#">4292593787 (0xFFDBC87B)</a>
YUV	<a href="#">196.9030, -36.4342, 19.3791</a>
Hunter-Lab	<a href="#">76.0254, -7.5662, 32.1002</a>

# Details

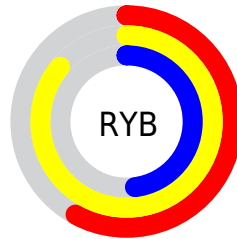
The Hex color **DBC87B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7B8EDB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFFB1**, and **A29248** is the 20% darker color. If you saturate the color by 10%, you get **DBC465**, and if you desaturate by 10%, it is **DBCC91**.

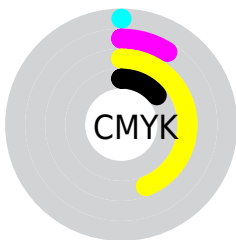
# Distribution



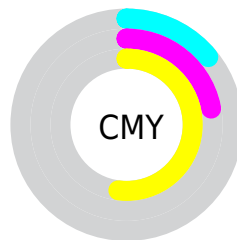
- Red (86%)
- Green (78%)
- Blue (48%)



- Red (58%)
- Yellow (86%)
- Blue (48%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBC87B 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 DBC87B by changing the saturation by 10% instead.



 DBC87B

 DBC87B

FFFFFF

 BEAD61

 FFFFB1

 A29248

 FFFFCC

 877930

 FFFFE9

 6C6017

 524800

 3A3200

 211D00

 000400

 000000

 DBC87B

 DBC87B

 DBC465

 DBCC91

 DBBF4F

 DBD1A7

 DBBB39

 DBD5BD

 DBB723

 DBD9D3

 DBB20D

 DBDEE9

 DBB000

 DBE2FE

 DBE6FF

 DBEBFF

 DBEFFF

# Harmonies

## Analogous

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



FCBB83



DBC87B



B2D388

# Triad

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



DBC87B



2FDBF3



FEAFE9

# Complementary

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



DBC87B



7B8EDB

# 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.



D6BCFF



DBC87B



5CD5FF

# Square

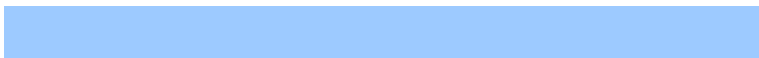
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBC87B



51DDCE



9DCAFF



FFAAC3

# Rectangle

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



DBC87B



93D89B



9DCAFF



F3B3F4

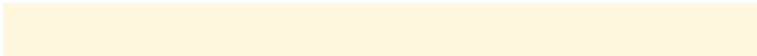


# Sweetspot

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



DBC87B



FFF8DE



DB7B8E



807B6B



000000



808080



# Same Dimension

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



DBC87B



FFE478



BEDB7B



6E6B63



AD8B00



2E2500



# Inverse Universe

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



7B8EDB



7893FF



987BDB



63656E



0022AD

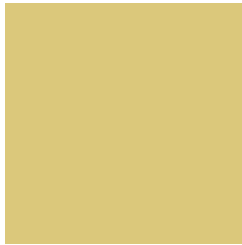


00092E



# Previews

## White Background



This preview shows how the Hex color DBC87B 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

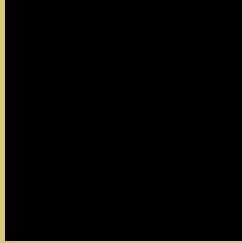
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBC87B Background



This preview shows how black text looks on a background with the Hex color DBC87B.

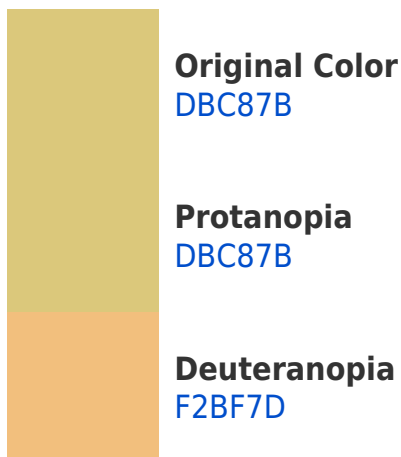


This preview shows how white text looks on a background with the Hex color DBC87B.

# 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](#).

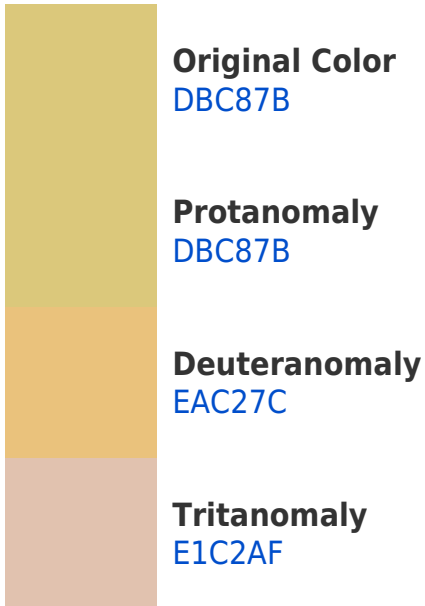
## Dichromacy



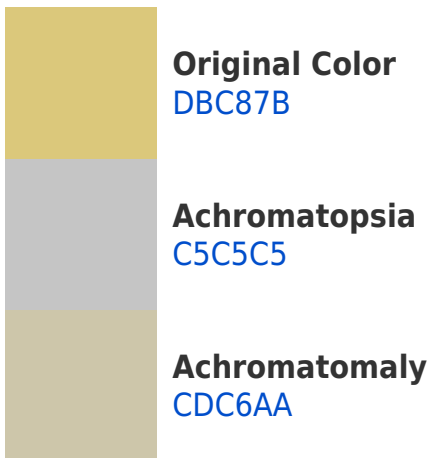


**Tritanopia**  
E4BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBC87B 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 #DBC87B looks like.

```
.text, #text, p{  
    color:#DBC87B  
}
```

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 #DBC87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBC87B  
}
```

## Border

The CSS property to change the border of an element to Hex DBC87B 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  
#DBC87B }
```

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

```
.border{ border-color:#DBC87B }
```

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

Here you see how a box with a 4 pixel #DBC87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBC87B; -webkit-box-shadow:4px 4px  
4px 4px #DBC87B; box-shadow:4px 4px 4px  
4px #DBC87B }
```

# Background

The CSS property to change the background color of an element to Hex DBC87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBC87B }
```

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

```
.background{ background-color:#DBC87B }
```

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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