

# Converting Colors

Hex(DCBB83)

Have a look what the booklet for  
Hex(DCBB83) contains.

<b>Hex(DCBB83)</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(DCBB83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCBB83
RGB	220, 187, 131
RGB Percent	86%, 73%, 51%
CMY	0.1373, 0.2667, 0.4863
CMYK	0.00, 0.15, 0.40, 0.14
HSL	38°, 56%, 69%
HSV	38°, 40%, 86%
XYZ	51.3823, 52.3950, 28.8778
YIQ	190.4830, 37.6440, -10.4200

# Conversions

## Conversions Part 2

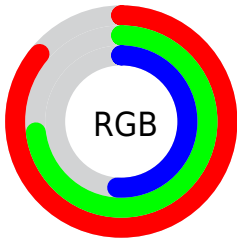
Format	Color
<a href="#">RYB</a>	<a href="#">183, 220, 131</a>
Decimal	<a href="#">14465923</a>
CIELab	<a href="#">77.52, 4.22, 32.74</a>
CIELCh	<a href="#">78, 33.008, 82.646</a>
Yxy	<a href="#">52.3950, 0.3873, 0.3950</a>
Android (android.graphics.Color)	<a href="#">4292656003 (0xFFDCBB83)</a>
YUV	<a href="#">190.4830, -29.3251, 25.8864</a>
Hunter-Lab	<a href="#">72.3844, 0.0361, 27.0152</a>

# Details

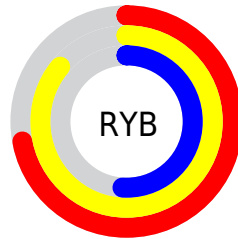
The Hex color **DCBB83** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83A4DC**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF3B9**, and **A38651** is the 20% darker color. If you saturate the color by 10%, you get **DCB36D**, and if you desaturate by 10%, it is **DCC399**.

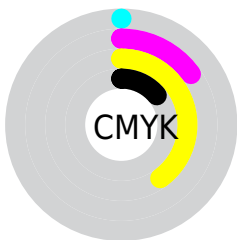
# Distribution



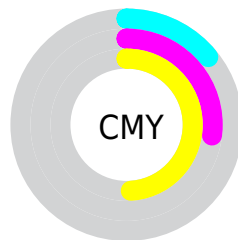
- Red (86%)
- Green (73%)
- Blue (51%)



- Red (72%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCBB83 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 DCBB83 by changing the saturation by 10% instead.



 DCBB83

 DCBB83

FFFFFF

 BFA069

 FFF3B9

 A38651

 FFFFFD4

 886D39

 FFFFF1

 6D5522

 533E0A

 3B2800

 221400

 000000

 DCBB83

 DCBB83

 DCB36D

 DCC399

 DCAB57

 DCCBAF

 DCA341

 DCD3C5

 DC9A2B

 DCDCDB

 DC9215

 DCE4F1

 DC8A00

 DCECFE

 DCF4FF

 DCFCFF

 DCFFFF

# Harmonies

## Analogous

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



F3B190



DCBB83



BDC586

# Triad

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



DCBB83



5ED0D6



DFB0E5

# Complementary

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



DCBB83



83A4DC

# 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.



B9BAF8



DCBB83



66CCEF

# Square

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



DCBB83



77D0B7



8CC5FC



F7A9C8

# Rectangle

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



DCBB83



A6CA92



8CC5FC



D4B3ED

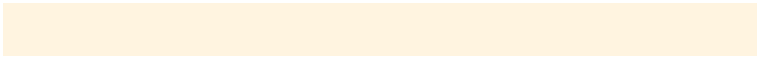


# Sweetspot

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



DCBB83



FFF4E0



DC83A5



80796E



000000



808080



# Same Dimension

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



DCBB83



FFD182



D2DC83



6E6A63



AD6D00



2E1D00



# Inverse Universe

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



83A4DC



82B0FF



8D83DC



63676E



0040AD

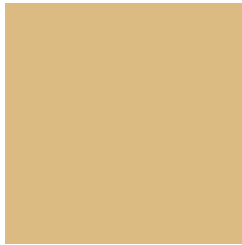


00112E



# Previews

## White Background



This preview shows how the Hex color DCBB83 looks on a white background.

## Color Contrast Check

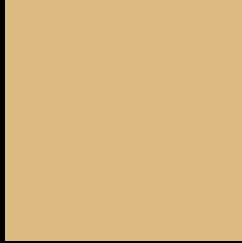
Large Text (above 18pt) WCAG AA × Fail

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 DCBB83 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

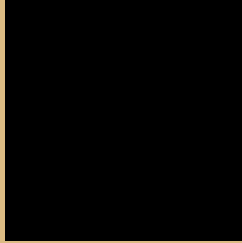
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCBB83 Background



This preview shows how black text looks on a background with the Hex color DCBB83.



This preview shows how white text looks on a background with the Hex color DCBB83.

# 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](#).

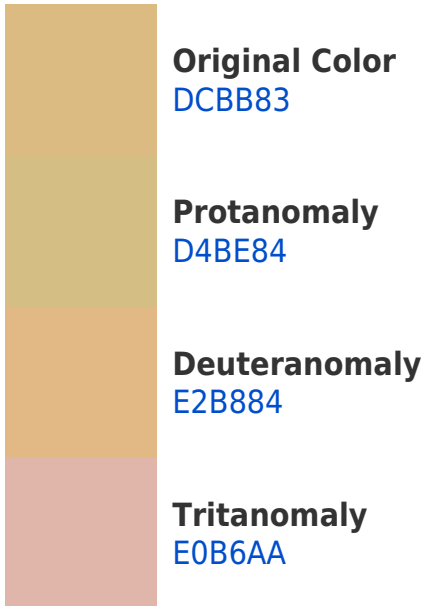
## Dichromacy





**Tritanopia**  
E2B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCBB83 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 #DCBB83 looks like.

```
.text, #text, p{  
    color:#DCBB83  
}
```

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 #DCBB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCBB83
}
```

## Border

The CSS property to change the border of an element to Hex DCBB83 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
#DCBB83 }
```

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

```
.border{ border-color:#DCBB83 }
```

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

Here you see how a box with a 4 pixel #DCBB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCBB83; -webkit-box-shadow:4px 4px  
4px 4px #DCBB83; box-shadow:4px 4px 4px  
4px #DCBB83 }
```

# Background

The CSS property to change the background color of an element to Hex DCBB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCBB83 }
```

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

```
.background{ background-color:#DCBB83 }
```

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