

Converting Colors

Hex(DDB983)

Have a look what the booklet for
Hex(DDB983) contains.

Hex(DDB983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DDB983)

Conversions

Conversions Part 1

Format	Color
Hex	DDB983
RGB	221, 185, 131
RGB Percent	87%, 73%, 51%
CMY	0.1333, 0.2745, 0.4863
CMYK	0.00, 0.16, 0.41, 0.13
HSL	36°, 57%, 69%
HSV	36°, 41%, 87%
XYZ	51.2645, 51.7088, 28.7516
YIQ	189.6080, 38.7900, -9.1620

Conversions

Conversions Part 2

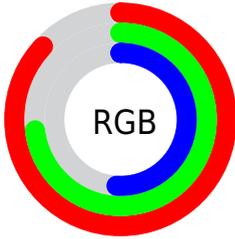
Format	Color
R _{YB}	191, 221, 131
Decimal	14530947
CIE Lab	77.11, 5.68, 32.22
CIE LCh	77, 32.714, 80.000
Yxy	51.7088, 0.3892, 0.3926
Android (android.graphics.Color)	4292721027 (0xFFDDB983)
YUV	189.6080, -28.8937, 27.5308
Hunter-Lab	71.9088, 1.4140, 26.6300

Details

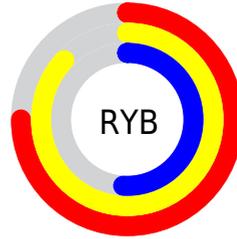
The Hex color **DDB983** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83A7DD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF1B9**, and **A48451** is the 20% darker color. If you saturate the color by 10%, you get **DDB06D**, and if you desaturate by 10%, it is **DDC299**.

Distribution



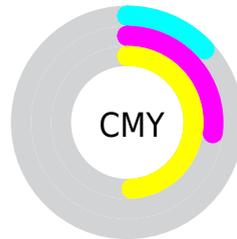
- Red (87%)
- Green (73%)
- Blue (51%)



- Red (75%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDB983 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 DDB983 by changing the saturation by 10% instead.



DDB983



DDB983

FFFFFF



C09E69



FFF1B9



A48451



FFFFD4



896B39



FFFFF1



6E5322



543C0B



3C2600



231200



000000



DDB983



DDB983

 DDB06D

 DDC299

 DDA757

 DDCBAF

 DD9E41

 DDD4C5

 DD962B

 DDDCDB

 DD8D15

 DDE5F2

 DD8500

 DDEEFF

 DDF7FF

 DDFFFF

Harmonies

Analogous

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



F3AF91



DDB983



BFC385

Triad

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



DDB983



5FCFD2



DBB0E6

Complementary

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



DDB983



83A7DD

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.



B5BAF7



DDB983



64CCEC

Square

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



DDB983



79CEB3



88C4F9



F4A9CA

Rectangle

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



DDB983



A8C88F



88C4F9



D0B3ED

Sweetspot

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



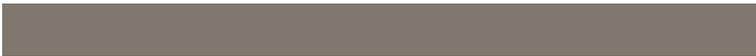
DDB983



FFF3E0



DD83A7



80786E



000000



808080

Same Dimension

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



DDB983



FFCD82



D4DD83



6E6963



AD6800



2E1C00

Inverse Universe

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



83A7DD



82B4FF



8C83DD



63676E



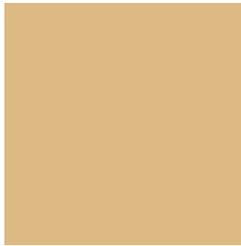
0045AD



00122E

Previews

White Background



This preview shows how the Hex color DDB983 looks on a white background.

Color Contrast Check

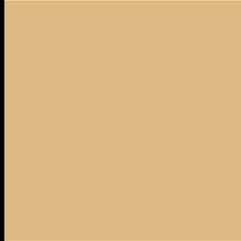
Large Text (above 18pt) WCAG AA × Fail

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 DDB983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

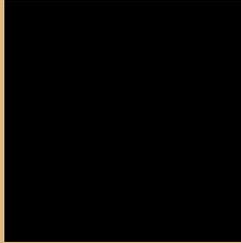
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

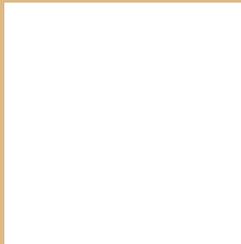
Any Text WCAG AAA ✓ Pass

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

Hex DDB983 Background



This preview shows how black text looks on a background with the Hex color DDB983.



This preview shows how white text looks on a background with the Hex color DDB983.

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
DDB983

Protanopia
CEBE85

Deuteranopia
E3B684



Tritanopia
E3B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDB983 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 #DDB983 looks like.

```
.text, #text, p{  
    color:#DDB983  
}
```

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 #DDB983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDB983
}
```

Border

The CSS property to change the border of an element to Hex DDB983 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
#DDB983 }
```

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

```
.border{ border-color:#DDB983 }
```

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

Here you see how a box with a 4 pixel #DDB983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDB983; -webkit-box-shadow:4px 4px  
4px 4px #DDB983; box-shadow:4px 4px 4px  
4px #DDB983 }
```

Background

The CSS property to change the background color of an element to Hex DDB983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDB983 }
```

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

```
.background{ background-color:#DDB983 }
```

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