

# Converting Colors

Hex(CDB3A7)

Have a look what the booklet for  
Hex(CDB3A7) contains.

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# **Color**

**Hex(CDB3A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB3A7
RGB	205, 179, 167
RGB Percent	80%, 70%, 65%
CMY	0.1961, 0.2980, 0.3451
CMYK	0.00, 0.13, 0.19, 0.20
HSL	19°, 28%, 73%
HSV	19°, 19%, 80%
XYZ	48.2720, 48.0094, 43.2817
YIQ	185.4060, 19.3480, 1.7800

# Conversions

## Conversions Part 2

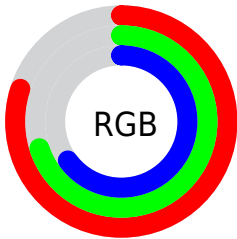
Format	Color
<a href="#">RYB</a>	<a href="#">205, 185, 167</a>
Decimal	<a href="#">13480871</a>
CIELab	<a href="#">74.83, 7.41, 9.55</a>
CIElCh	<a href="#">75, 12.088, 52.190</a>
Yxy	<a href="#">48.0094, 0.3459, 0.3440</a>
Android (android.graphics.Color)	<a href="#">4291670951 (0xFFCDB3A7)</a>
YUV	<a href="#">185.4060, -9.0742, 17.1839</a>
Hunter-Lab	<a href="#">69.2888, 3.1017, 11.4662</a>

# Details

The Hex color **CDB3A7** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A7C1CD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFEBDE**, and **967E73** is the 20% darker color. If you saturate the color by 10%, you get **CDA593**, and if you desaturate by 10%, it is **CDC1BB**.

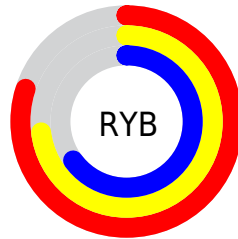
# Distribution



Red (80%)

Green (70%)

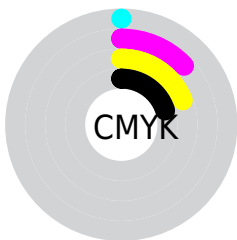
Blue (65%)



Red (80%)

Yellow (73%)

Blue (65%)

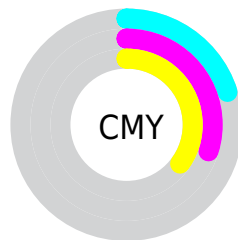


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDB3A7 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 CDB3A7 by changing the saturation by 10% instead.



 CDB3A7

 CDB3A7

FFFFFFF

 B1988D

 FFEBDE

 967E73

 FFFFFFFB

 7C655B

 634D43

 4B372D

 332118

 200B00

 000000

 CDB3A7

 CDB3A7

 CDA593

 CDC1BB

 CD977E

 CDCFD0

 CD896A

 CDDDE4

 CD7B55

 CDEBF9

 CD6D41

 CDF9FF

 CD5F2C

 CDFFFF

 CD5118

 CD4303

 CD4100

# Harmonies

## Analogous

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



D0B1B0



CDB3A7



C4B6A2

# Triad

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



CDB3A7



A1BFB5



B7B6CD

# Complementary

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



CDB3A7



A7C1CD

# 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.



A9BACE



CDB3A7



9CBFC0

# Square

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



CDB3A7



ABBDAA



9FBDC9



C4B3C6

# Rectangle

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



CDB3A7



BDB9A2



9FBDC9



B2B8CE

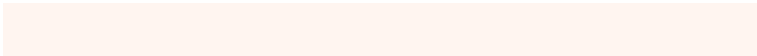


# Sweetspot

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



CDB3A7



FFF5F0



CDA7C2



807977



000000



808080



# Same Dimension

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



CDB3A7



FFD9C7



CDC5A7



665F5C



A63400



260C00

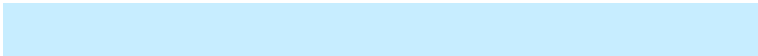


# Inverse Universe

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



A7C1CD



C7EDFF



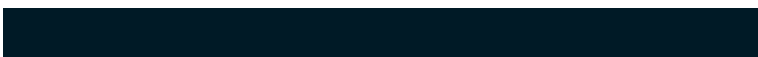
A7AFCD



5C6366



0071A6



001A26



# Previews

## White Background



This preview shows how the Hex color CDB3A7 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 CDB3A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

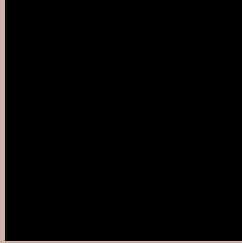
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDB3A7 Background



This preview shows how black text looks on a background with the Hex color CDB3A7.

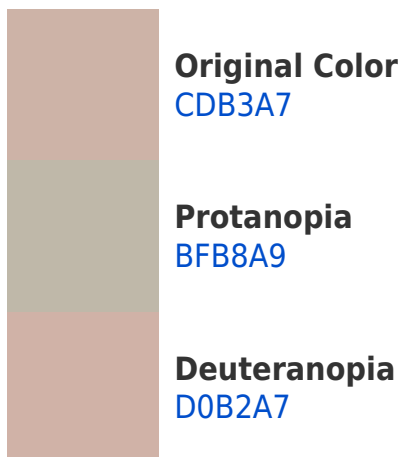


This preview shows how white text looks on a background with the Hex color CDB3A7.

# 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





# Trichromacy



**Original Color**  
CDB3A7

**Protanomaly**  
C4B6A8

**Deuteranomaly**  
CFB2A7

**Tritanomaly**  
CFB1B5

# Monochromacy



**Original Color**  
CDB3A7

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
C0B7B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDB3A7 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 #CDB3A7 looks like.

```
.text, #text, p{  
    color:#CDB3A7  
}
```

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 #CDB3A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB3A7
}
```

## Border

The CSS property to change the border of an element to Hex CDB3A7 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
#CDB3A7 }
```

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

```
.border{ border-color:#CDB3A7 }
```

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

Here you see how a box with a 4 pixel #CDB3A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB3A7; -webkit-box-shadow:4px 4px  
4px 4px #CDB3A7; box-shadow:4px 4px 4px  
4px #CDB3A7 }
```

# Background

The CSS property to change the background color of an element to Hex CDB3A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB3A7 }
```

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

```
.background{ background-color:#CDB3A7 }
```

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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