

# Converting Colors

Hex(CDB5AB)

Have a look what the booklet for  
Hex(CDB5AB) contains.

<b>Hex(CDB5AB)</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(CDB5AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB5AB
RGB	205, 181, 171
RGB Percent	80%, 71%, 67%
CMY	0.1961, 0.2902, 0.3294
CMYK	0.00, 0.12, 0.17, 0.20
HSL	18°, 25%, 74%
HSV	18°, 17%, 80%
XYZ	49.0514, 48.9672, 45.3944
YIQ	187.0360, 17.5140, 1.9780

# Conversions

## Conversions Part 2

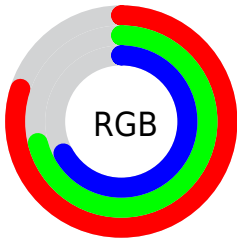
Format	Color
<a href="#">RYB</a>	<a href="#">205, 185, 171</a>
Decimal	<a href="#">13481387</a>
CIELab	<a href="#">75.43, 6.96, 8.23</a>
CIELCh	<a href="#">75, 10.778, 49.781</a>
Yxy	<a href="#">48.9672, 0.3420, 0.3414</a>
Android (android.graphics.Color)	<a href="#">4291671467 (0xFFCDB5AB)</a>
YUV	<a href="#">187.0360, -7.9057, 15.7544</a>
Hunter-Lab	<a href="#">69.9765, 2.6641, 10.5216</a>

# Details

The Hex color **CDB5AB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ABC3CD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFEDE2**, and **968077** is the 20% darker color. If you saturate the color by 10%, you get **CDA797**, and if you desaturate by 10%, it is **CDC3C0**.

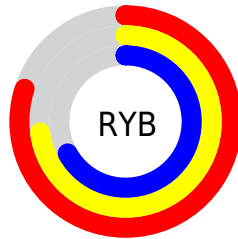
# Distribution



Red (80%)

Green (71%)

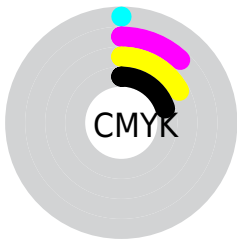
Blue (67%)



Red (80%)

Yellow (73%)

Blue (67%)

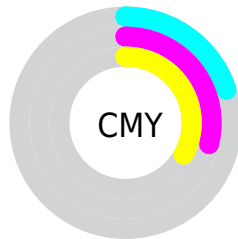


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDB5AB 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 CDB5AB by changing the saturation by 10% instead.





CDB5AB



CDB5AB

FFFFFF



B19A90



FFEDE2



968077



7C675E



634F47



4B3830



34231B



200D00



000000



CDB5AB



CDB5AB

■ CDA797

■ CDC3C0

■ CD9882

■ CDD2D4

■ CD8A6E

■ CDE0E9

■ CD7B59

■ CDEFFD

■ CD6D45

■ CDFDFF

■ CD5E30

■ CDFFFF

■ CD501B

■ CD4107

■ CD3C00

# Harmonies

## Analogous

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



CFB3B3



CDB5AB



C6B8A6

# Triad

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



CDB5AB



A6C0B6



B8B8CC

# Complementary

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



CDB5AB



ABC3CD

# 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.



ACBCCD



CDB5AB



A1C0C0

# Square

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



CDB5AB



AFBEAD



A3BEC9



C4B5C7

# Rectangle

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



CDB5AB



BFBAA6



A3BEC9



B3BACD

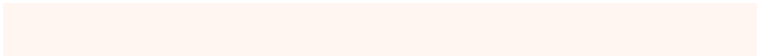


# Sweetspot

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



CDB5AB



FFF6F2



CDABC3



807A78



000000



808080



# Same Dimension

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



CDB5AB



FFDBCC



CDC6AB



665F5C



A63100



260B00

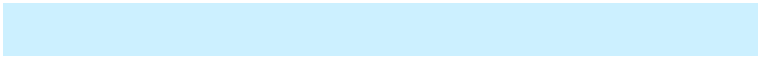


# Inverse Universe

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



ABC3CD



CCF0FF



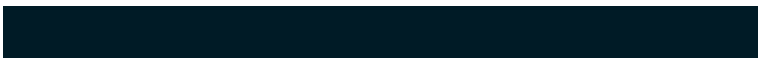
ABB2CD



5C6366



0075A6

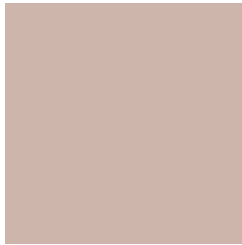


001B26



# Previews

## White Background



This preview shows how the Hex color CDB5AB looks on a white background.

## Color Contrast Check

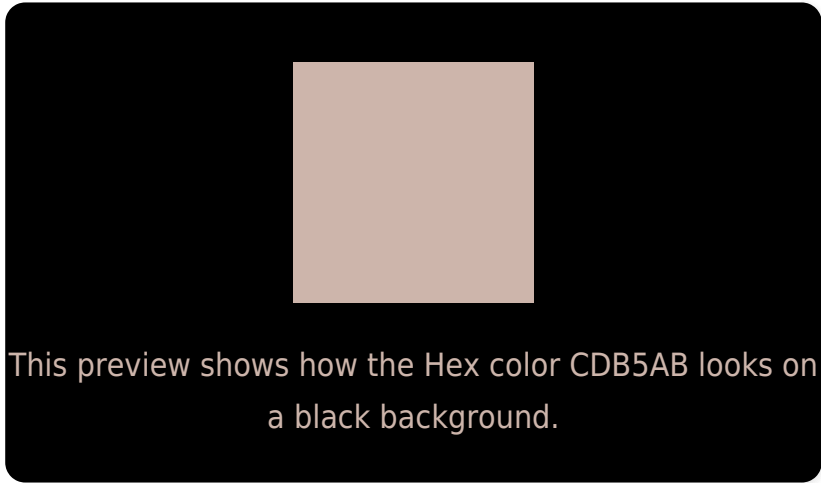
Large Text (above 18pt) WCAG AA × Fail

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

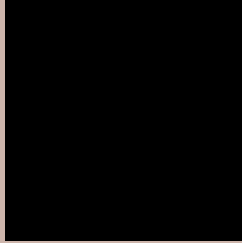
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDB5AB Background



This preview shows how black text looks on a background with the Hex color CDB5AB.

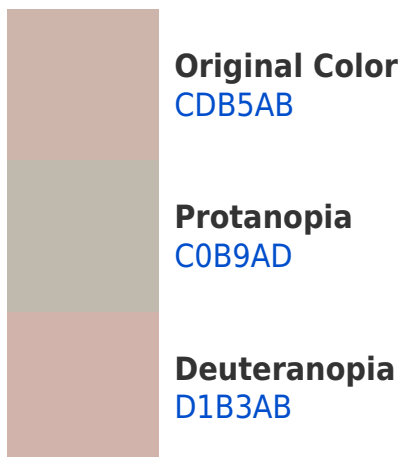


This preview shows how white text looks on a background with the Hex color CDB5AB.

# 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**  
D0B2C0

# Trichromacy



**Original Color**  
CDB5AB

**Protanomaly**  
C5B8AC

**Deuteranomaly**  
D0B4AB

**Tritanomaly**  
CFB3B8

# Monochromacy



**Original Color**  
CDB5AB

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
C2B9B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDB5AB 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 #CDB5AB looks like.

```
.text, #text, p{  
    color:#CDB5AB  
}
```

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 #CDB5AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB5AB
}
```

## Border

The CSS property to change the border of an element to Hex CDB5AB 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
#CDB5AB }
```

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

```
.border{ border-color:#CDB5AB }
```

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

Here you see how a box with a 4 pixel #CDB5AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB5AB; -webkit-box-shadow:4px 4px  
4px 4px #CDB5AB; box-shadow:4px 4px 4px  
4px #CDB5AB }
```

# Background

The CSS property to change the background color of an element to Hex CDB5AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB5AB }
```

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

```
.background{ background-color:#CDB5AB }
```

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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