

# Converting Colors

Hex(CDB6BD)

Have a look what the booklet for  
Hex(CDB6BD) contains.

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# **Color**

**Hex(CDB6BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDB6BD
RGB	205, 182, 189
RGB Percent	80%, 71%, 74%
CMY	0.1961, 0.2863, 0.2588
CMYK	0.00, 0.11, 0.08, 0.20
HSL	342°, 19%, 76%
HSV	342°, 11%, 80%
XYZ	51.0901, 50.1092, 55.1234
YIQ	189.6750, 11.4610, 7.0530

# Conversions

## Conversions Part 2

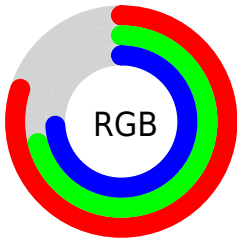
Format	Color
R <sub>Y</sub> B	205, 182, 189
Decimal	13481661
CIE Lab	76.14, 9.40, -0.54
CIE LCh	76, 9.416, 356.685
Yxy	50.1092, 0.3268, 0.3205
Android (android.graphics.Color)	4291671741 (0xFFCDB6BD)
YUV	189.6750, -0.3328, 13.4400
Hunter-Lab	70.7878, 4.9511, 3.3816

# Details

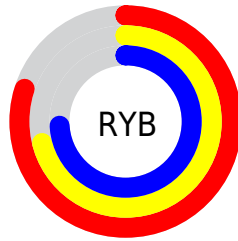
The Hex color **CDB6BD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B6CDC6**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFEEF5**, and **978188** is the 20% darker color. If you saturate the color by 10%, you get **CDA2AF**, and if you desaturate by 10%, it is **CDCBCB**.

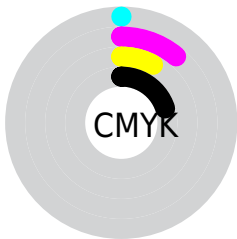
# Distribution



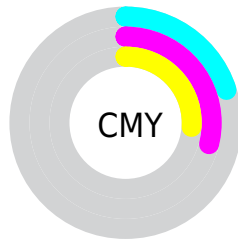
- Red (80%)
- Green (71%)
- Blue (74%)



- Red (80%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDB6BD 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 CDB6BD by changing the saturation by 10% instead.



 CDB6BD

FFFFFF

 FFEEF5

 CDB6BD

 B19BA2

 978188

 7D686E

 645056

 4C393F

 352329

 1F0E15

 000000

 CDB6BD

 CDB6BD

 CDA2AF

 CDCBCB

 CD8DA0

 CDDFDA

 CD7992

 CDF3E8

 CD6484

 CDFFF6

 CD5076

 CDFFFF

 CD3B67

 CD2759

 CD124B

 CD003E

# Harmonies

## Analogous

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



C6B7C5



CDB6BD



CFB6B4

# Triad

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



CDB6BD



BABEAC



A9BFCA

# Complementary

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



CDB6BD



B6CDC6

# 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.



A6C1C3



CDB6BD



B0C0B2

# Square

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



CDB6BD



C4BBAB



A9C1BA



B2BDCE

# Rectangle

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



CDB6BD



CDB7AF



A9C1BA



A8C0C8



# Sweetspot

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



CDB6BD



FFF7FA



C6B6CD



807A7C



000000



808080



# Same Dimension

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



CDB6BD



FFDEE8



CDBAB6



665C5F



A60032



26000C



# Inverse Universe

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



CDB6BD



FFDEE8



B6C9CD



665C5F



A60032

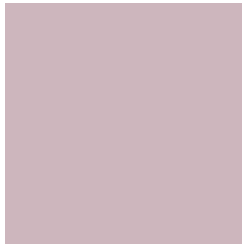


26000C



# Previews

## White Background



This preview shows how the Hex color CDB6BD looks on a white background.

## Color Contrast Check

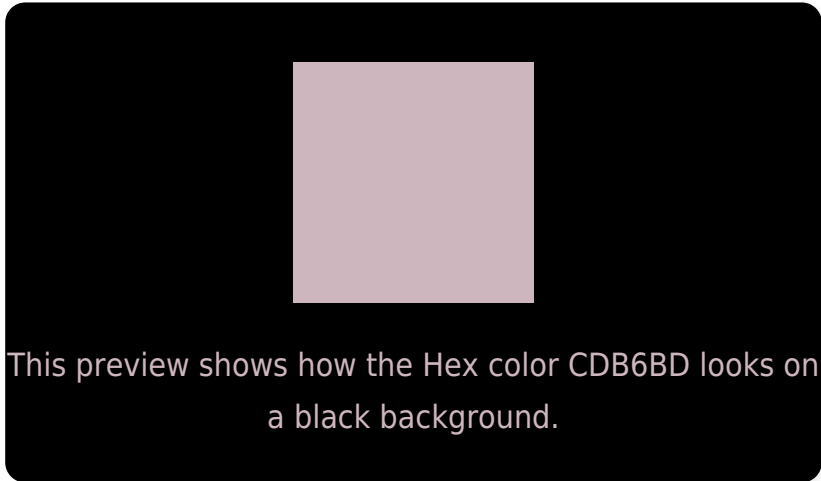
Large Text (above 18pt) WCAG AA × Fail

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

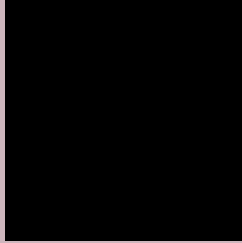
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDB6BD Background



This preview shows how black text looks on a background with the Hex color CDB6BD.



This preview shows how white text looks on a background with the Hex color CDB6BD.

# 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**  
CDB6BD

**Protanopia**  
BEBBC0

**Deuteranopia**  
CDB6BD



**Tritanopia**  
CEB5C3

# Trichromacy



**Original Color**  
CDB6BD

**Protanomaly**  
C3B9BF

**Deuteranomaly**  
CDB6BD

**Tritanomaly**  
CEB5C1

# Monochromacy



**Original Color**  
CDB6BD

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
C3BBBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDB6BD 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 #CDB6BD looks like.

```
.text, #text, p{  
    color:#CDB6BD  
}
```

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 #CDB6BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB6BD  
}
```

## Border

The CSS property to change the border of an element to Hex CDB6BD 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  
#CDB6BD }
```

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

```
.border{ border-color:#CDB6BD }
```

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

Here you see how a box with a 4 pixel #CDB6BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB6BD; -webkit-box-shadow:4px 4px  
4px 4px #CDB6BD; box-shadow:4px 4px 4px  
4px #CDB6BD }
```

# Background

The CSS property to change the background color of an element to Hex CDB6BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB6BD }
```

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

```
.background{ background-color:#CDB6BD }
```

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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