

# Converting Colors

Hex(CDB3D4)

Have a look what the booklet for  
Hex(CDB3D4) contains.

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# **Color**

**Hex(CDB3D4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDB3D4
RGB	205, 179, 212
RGB Percent	80%, 70%, 83%
CMY	0.1961, 0.2980, 0.1686
CMYK	0.03, 0.16, 0.00, 0.17
HSL	287°, 28%, 77%
HSV	287°, 16%, 83%
XYZ	53.1806, 49.9728, 69.1301
YIQ	190.5360, 4.9030, 15.7750

# Conversions

## Conversions Part 2

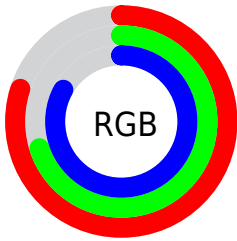
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 179, 212
Decimal	13480916
CIE <sub>Lab</sub>	76.05, 15.23, -13.18
CIE <sub>LCh</sub>	76, 20.146, 319.121
Yxy	49.9728, 0.3087, 0.2901
Android (android.graphics.Color)	4291670996 (0xFFCDB3D4)
YUV	190.5360, 10.5818, 12.6849
Hunter-Lab	70.6914, 10.5741, -8.4965

# Details

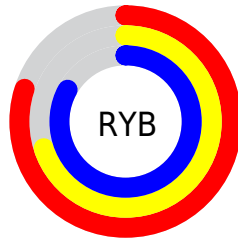
The Hex color **CDB3D4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **BAD4B3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFEBFF**, and **977E9D** is the 20% darker color. If you saturate the color by 10%, you get **C99ED4**, and if you desaturate by 10%, it is **D1C8D4**.

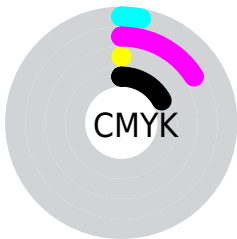
# Distribution



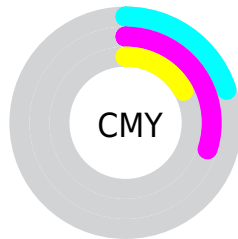
- Red (80%)
- Green (70%)
- Blue (83%)



- Red (80%)
- Yellow (70%)
- Blue (83%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (30%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDB3D4 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 CDB3D4 by changing the saturation by 10% instead.



 CDB3D4

 CDB3D4

FFFFFF

 B198B8

 FFE8FF

 977E9D

 7D6583

 634D6A

 4B3652

 34203B

 1F0B25

 00010F

 000000

 CDB3D4

 CDB3D4

 C99ED4

 D1C8D4

 C489D4

 D6DDD4

 C073D4

 DAF3D4

 BB5ED4

 DFFFD4

 B749D4

 E3FFD4

 B234D4

 E8FFD4

 AE1FD4

 ECFFD4

 A909D4

 F1FFD4

 A700D4

 F5FFD4

# Harmonies

## Analogous

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



B6B9DE



CDB3D4



DDAFC3

# Triad

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



CDB3D4



D0B897



8AC6C7

# Complementary

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



CDB3D4



BAD4B3

# 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.



95C6B4



CDB3D4



BDBE98

# Square

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



CDB3D4



DEB2A0



A8C3A3



8DC4D7

# Rectangle

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



CDB3D4



E2AEB6



A8C3A3



8CC6C1



# Sweetspot

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



CDB3D4



FCF2FF



B3BAD4



7E7880



000000



808080



# Same Dimension

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



CDB3D4



F5CFFF



D4B3CB



69606B



8700AB



22002B



# Inverse Universe

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



D4B3BA



FFCFD9



B3D4BC



6B6063



AB0024

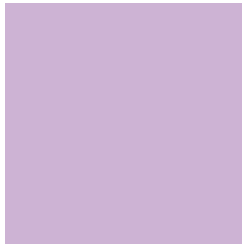


2B0009



# Previews

## White Background



This preview shows how the Hex color CDB3D4 looks on a white background.

## Color Contrast Check

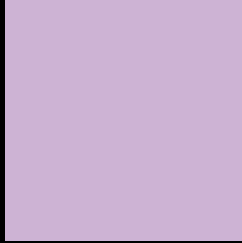
Large Text (above 18pt) WCAG AA × Fail

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 CDB3D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

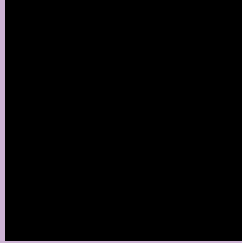
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDB3D4 Background



This preview shows how black text looks on a background with the Hex color CDB3D4.

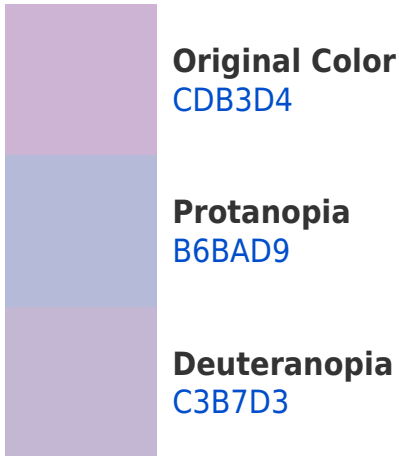


This preview shows how white text looks on a background with the Hex color CDB3D4.

# 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**  
CBB6C4

# Trichromacy



**Original Color**  
CDB3D4

**Protanomaly**  
BEB7D7

**Deuteranomaly**  
C7B6D3

**Tritanomaly**  
CCB5CA

# Monochromacy



**Original Color**  
CDB3D4

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
C4BBC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDB3D4 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 #CDB3D4 looks like.

```
.text, #text, p{  
    color:#CDB3D4  
}
```

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 #CDB3D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB3D4
}
```

## Border

The CSS property to change the border of an element to Hex CDB3D4 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
#CDB3D4 }
```

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

```
.border{ border-color:#CDB3D4 }
```

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

Here you see how a box with a 4 pixel #CDB3D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB3D4; -webkit-box-shadow:4px 4px  
4px 4px #CDB3D4; box-shadow:4px 4px 4px  
4px #CDB3D4 }
```

# Background

The CSS property to change the background color of an element to Hex CDB3D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB3D4 }
```

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

```
.background{ background-color:#CDB3D4 }
```

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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