

# Converting Colors

Hex(CDBEB2)

Have a look what the booklet for  
Hex(CDBEB2) contains.

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# **Color**

**Hex(CDBEB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDBEB2
RGB	205, 190, 178
RGB Percent	80%, 75%, 70%
CMY	0.1961, 0.2549, 0.3020
CMYK	0.00, 0.07, 0.13, 0.20
HSL	27°, 21%, 75%
HSV	27°, 13%, 80%
XYZ	51.6262, 53.0204, 49.6324
YIQ	193.1170, 12.7920, -0.5520

# Conversions

## Conversions Part 2

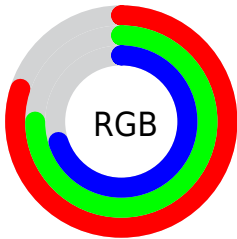
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 200, 178
Decimal	13483698
CIE <sub>Lab</sub>	77.89, 3.27, 7.95
CIE <sub>LCh</sub>	78, 8.599, 67.643
Yxy	53.0204, 0.3346, 0.3437
Android (android.graphics.Color)	4291673778 (0xFFCDBEB2)
YUV	193.1170, -7.4527, 10.4214
Hunter-Lab	72.8151, -0.8693, 10.5572

# Details

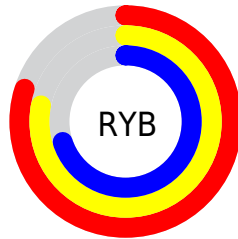
The Hex color **CDBEB2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B2C1CD**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF6EA**, and **97897D** is the 20% darker color. If you saturate the color by 10%, you get **CDB39D**, and if you desaturate by 10%, it is **CDC9C7**.

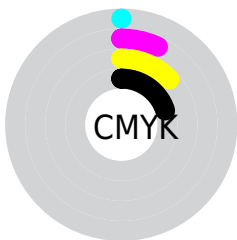
# Distribution



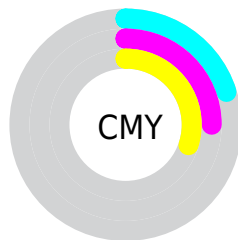
- Red (80%)
- Green (75%)
- Blue (70%)



- Red (80%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDBEB2 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 CDBEB2 by changing the saturation by 10% instead.



 CDBEB2

 CDBEB2

FFFFFF

 B1A397

 FFF6EA

 97897D

 7D6F64

 64574D

 4B4036

 352A20

 20150A

 000000

 CDBEB2

 CDBEB2

 CDB39D

 CDC9C7

 CDA789

 CDD5DB

 CD9C74

 CDE0F0

 CD9060

 CDECFE

 CD854B

 CDF7FF

 CD7A37

 CDFFFF

 CD6E22

 CD630E

 CD5B00

# Harmonies

## Analogous

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



D2BCB7



CDBEB2



C5C1B1

# Triad

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



CDBEB2



AEC5C2



C5BECD

# Complementary

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



CDBEB2



B2C1CD

# 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.



BBC0D0



CDBEB2



ADC5CA

# Square

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



CDBEB2



B3C5BA



B2C3CF



CDBCC7

# Rectangle

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



CDBEB2



BFC2B2



B2C3CF



C2BFCF

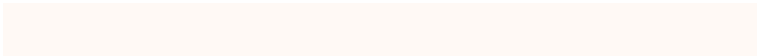


# Sweetspot

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



CDBEB2



FFF9F5



CDB2C1



807C79



000000



808080

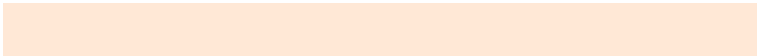


# Same Dimension

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



CDBEB2



FFE8D6



CDCBB2



66605C



A64A00



261100

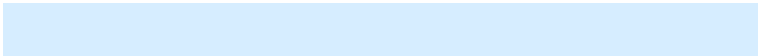


# Inverse Universe

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



B2C1CD



D6EDFF



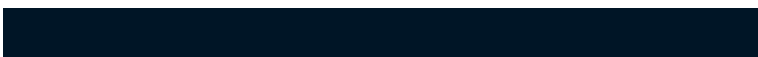
B2B4CD



5C6166



005CA6



001526



# Previews

## White Background



This preview shows how the Hex color CDBEB2 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 CDBEB2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

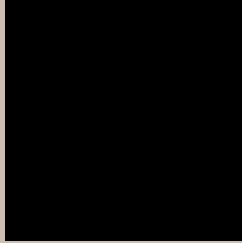
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

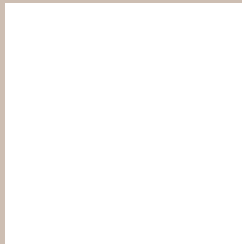
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDBEB2 Background



This preview shows how black text looks on a background with the Hex color CDBEB2.

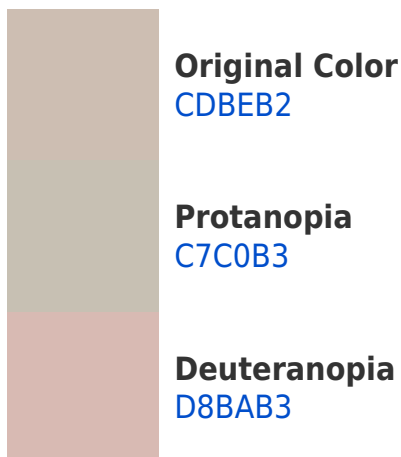


This preview shows how white text looks on a background with the Hex color CDBEB2.

# 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**  
D0BBC9

# Trichromacy



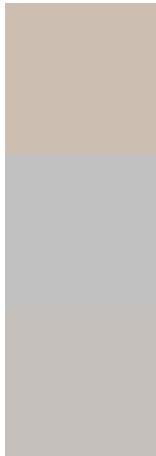
**Original Color**  
CDBEB2

**Protanomaly**  
C9BFB3

**Deuteranomaly**  
D4BBB3

**Tritanomaly**  
CFBCC1

# Monochromacy



**Original Color**  
CDBEB2

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
C5C0BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDBEB2 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 #CDBEB2 looks like.

```
.text, #text, p{  
    color:#CDBEB2  
}
```

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 #CDBEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDBEB2
}
```

## Border

The CSS property to change the border of an element to Hex CDBEB2 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
#CDBEB2 }
```

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

```
.border{ border-color:#CDBEB2 }
```

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

Here you see how a box with a 4 pixel #CDBEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDBEB2; -webkit-box-shadow:4px 4px  
4px 4px #CDBEB2; box-shadow:4px 4px 4px  
4px #CDBEB2 }
```

# Background

The CSS property to change the background color of an element to Hex CDBEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDBEB2 }
```

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

```
.background{ background-color:#CDBEB2 }
```

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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