

# Converting Colors

Hex(CDCBD5)

Have a look what the booklet for  
Hex(CDCBD5) contains.

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# **Color**

**Hex(CDCBD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDCBD5
RGB	205, 203, 213
RGB Percent	80%, 80%, 84%
CMY	0.1961, 0.2039, 0.1647
CMYK	0.04, 0.05, 0.00, 0.16
HSL	252°, 11%, 82%
HSV	252°, 5%, 84%
XYZ	58.5430, 60.4951, 71.5420
YIQ	204.7380, -2.0180, 3.5340

# Conversions

## Conversions Part 2

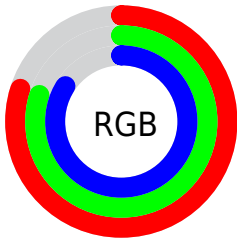
Format	Color
<a href="#">RYB</a>	<a href="#">205, 203, 213</a>
Decimal	<a href="#">13487061</a>
CIELab	<a href="#">82.11, 2.54, -4.72</a>
CIElCh	<a href="#">82, 5.365, 298.314</a>
Yxy	<a href="#">60.4951, 0.3072, 0.3174</a>
Android (android.graphics.Color)	<a href="#">4291677141</a> ( <a href="#">0xFFCDBCBD5</a> )
YUV	<a href="#">204.7380, 4.0732, 0.2298</a>
Hunter-Lab	<a href="#">77.7786, -1.7577, -0.0908</a>

# Details

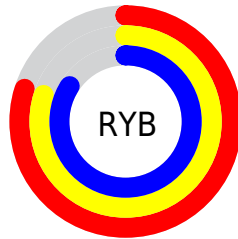
The Hex color **CDCBD5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D3D5CB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **97959E** is the 20% darker color. If you saturate the color by 10%, you get **BCB6D5**, and if you desaturate by 10%, it is **DEE0D5**.

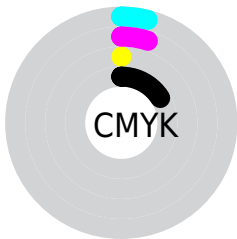
# Distribution



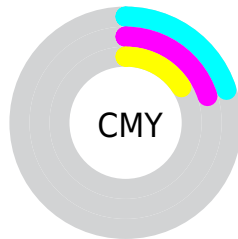
- Red (80%)
- Green (80%)
- Blue (84%)



- Red (80%)
- Yellow (80%)
- Blue (84%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDCBD5 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 CDCBD5 by changing the saturation by 10% instead.



■ CDCBD5

FFFFFF

■ CDCBD5

■ B2B0B9

■ 97959E

■ 7D7B84

■ 64626B

■ 4C4B53

■ 35343C

■ 201F26

■ 090612

■ 000000

 CDCBD5

 CDCBD5

 BCB6D5

 DEE0D5

 ABA0D5

 EFF6D5

 9A8BD5

 FFFFD5

 8976D5

 7860D5

 674BD5

 5636D5

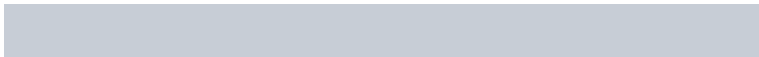
 4521D5

 340BD5

# Harmonies

## Analogous

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



C7CDD6



CDCBD5



D3CAD2

# Triad

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



CDCBD5



D5CAC4



C1CFCC

# Complementary

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



CDCBD5



D3D5CB

# 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.



C5CFC7



CDCBD5



D1CCC2

# Square

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



CDCBD5



D7C9C8



CBCDC3



C0CFD1

# Rectangle

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



CDCBD5



D5C9CE



CBCDC3



C3CFCA



# Sweetspot

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



CDCBD5



FDFCFF



CBD3D5



7E7E80



000000



808080



# Same Dimension

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



CDCBD5



F3F0FF



D2CBD5



65646B



2200AB



09002B



# Inverse Universe

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



D5CBD3



FFF0FC



CED5CB



6B646A



AB0089

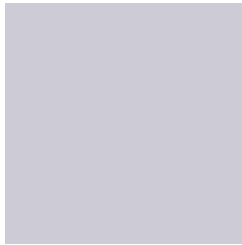


2B0023



# Previews

## White Background



This preview shows how the Hex color CDCBD5 looks on a white background.

## Color Contrast Check

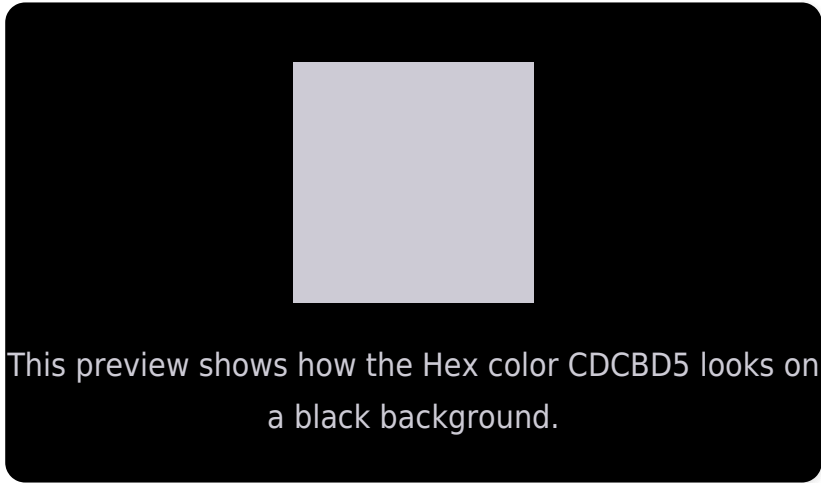
Large Text (above 18pt) WCAG AA × Fail

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

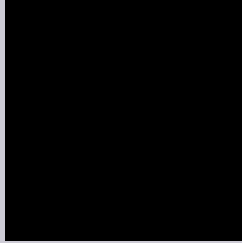
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

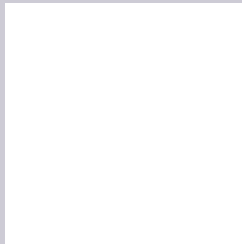
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDCBD5 Background



This preview shows how black text looks on a background with the Hex color CDCBD5.

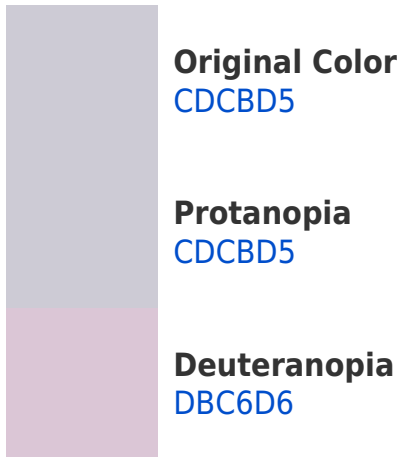


This preview shows how white text looks on a background with the Hex color CDCBD5.

# 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**  
CDCBD5

**Protanomaly**  
CDCBD5

**Deuteranomaly**  
D6C8D6

**Tritanomaly**  
CECAD8

# Monochromacy



**Original Color**  
CDCBD5

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CDCCD0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDCBD5 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 #CDCBD5 looks like.

```
.text, #text, p{  
    color:#CDCBD5  
}
```

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 #CDCBD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDCBD5
}
```

## Border

The CSS property to change the border of an element to Hex CDCBD5 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
#CDCBD5 }
```

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

```
.border{ border-color:#CDCBD5 }
```

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

Here you see how a box with a 4 pixel #CDCBD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDCBD5; -webkit-box-shadow:4px 4px  
4px 4px #CDCBD5; box-shadow:4px 4px 4px  
4px #CDCBD5 }
```

# Background

The CSS property to change the background color of an element to Hex CDCBD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDCBD5 }
```

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

```
.background{ background-color:#CDCBD5 }
```

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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