

# Converting Colors

Hex(DBCAD5)

Have a look what the booklet for  
Hex(DBCAD5) contains.

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# **Color**

**Hex(DBCAD5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBCAD5
RGB	219, 202, 213
RGB Percent	86%, 79%, 84%
CMY	0.1412, 0.2078, 0.1647
CMYK	0.00, 0.08, 0.03, 0.14
HSL	321°, 19%, 83%
HSV	321°, 8%, 86%
XYZ	62.3442, 62.1052, 71.6524
YIQ	208.3370, 6.6010, 7.0250

# Conversions

## Conversions Part 2

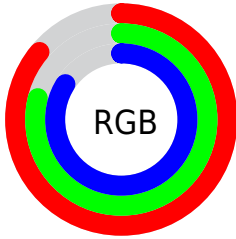
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 202, 213
Decimal	14404309
CIE Lab	82.97, 7.84, -3.32
CIE LCh	83, 8.517, 337.021
Yxy	62.1052, 0.3179, 0.3167
Android (android.graphics.Color)	4292594389 (0xFFDBCAD5)
YUV	208.3370, 2.2989, 9.3515
Hunter-Lab	78.8069, 3.2995, 1.2574

# Details

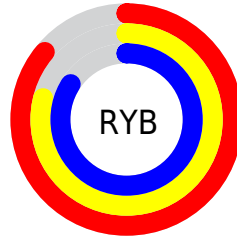
The Hex color **DBCAD5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CADB00**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFFF**, and **A4949E** is the 20% darker color. If you saturate the color by 10%, you get **DBB4CD**, and if you desaturate by 10%, it is **DBE0DD**.

# Distribution



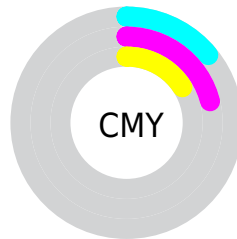
- Red (86%)
- Green (79%)
- Blue (84%)



- Red (86%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBCAD5 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 DBCAD5 by changing the saturation by 10% instead.



 DBCAD5

FFFFFF

 DBCAD5

 BFAFB9

 A4949E

 8A7A84

 70616B

 584A53

 40333C

 2A1E26

 170512

 000000

 DBCAD5

 DBCAD5

 DBB4CD

 DBE0DD

 DB9EC6

 DBF6E4

 DB88BE

 DBFFEC

 DB72B6

 DBFFF4

 DB5CAE

 DBFFFC

 DB47A7

 DBFFFF

 DB319F

 DB1B97

 DB058F

# Harmonies

## Analogous

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



D3CCDB



DBCAD5



E0C9CD

# Triad

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



DBCAD5



D3CFBF



BBD3D8

# Complementary

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



DBCAD5



CADBDO

# 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.



BCD4D0



DBCAD5



CAD1C2

# Square

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



DBCAD5



DBCC00



C2D3C8



C0D1DD

# Rectangle

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



DBCAD5



E0CAC8



C2D3C8



BBD3D6



# Sweetspot

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



DBCAD5



FFFAFD



D0CADB



807D7F



000000



808080



# Same Dimension

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



DBCAD5



FFE8F7



DBCACD



6E636A



AD0070



2E001E



# Inverse Universe

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



DBCAD5



FFE8F7



CADBD8



6E636A



AD0070

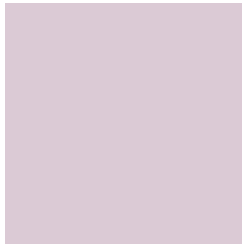


2E001E



# Previews

## White Background



This preview shows how the Hex color DBCAD5 looks on a white background.

## Color Contrast Check

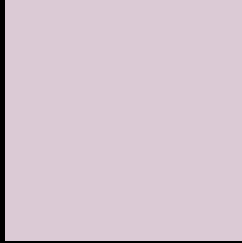
Large Text (above 18pt) WCAG AA × Fail

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 DBCAD5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

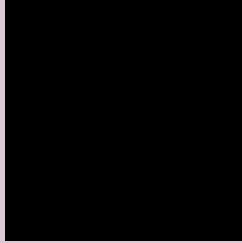
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

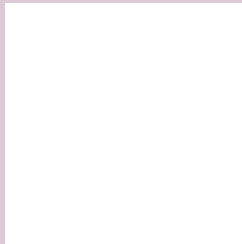
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBCAD5 Background



This preview shows how black text looks on a background with the Hex color DBCAD5.

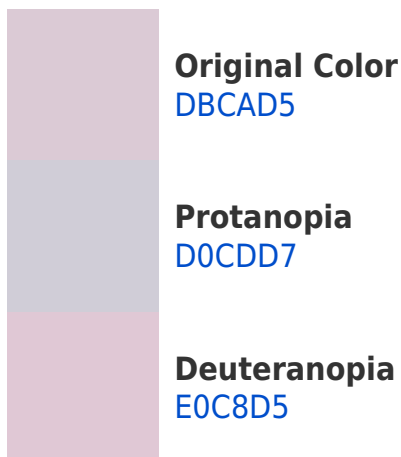


This preview shows how white text looks on a background with the Hex color DBCAD5.

# 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**  
DCC9D9

# Trichromacy



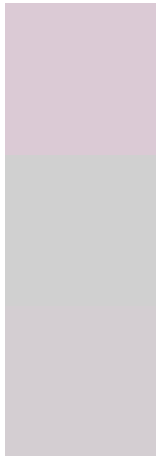
**Original Color**  
DBCAD5

**Protanomaly**  
D4CCD6

**Deuteranomaly**  
DEC9D5

**Tritanomaly**  
DCC9D8

# Monochromacy



**Original Color**  
DBCAD5

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
D4CED2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBCAD5 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 #DBCAD5 looks like.

```
.text, #text, p{  
    color:#DBCAD5  
}
```

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 #DBCAD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBCAD5
}
```

## Border

The CSS property to change the border of an element to Hex DBCAD5 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
#DBCAD5 }
```

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

```
.border{ border-color:#DBCAD5 }
```

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

Here you see how a box with a 4 pixel #DBCAD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBCAD5; -webkit-box-shadow:4px 4px  
4px 4px #DBCAD5; box-shadow:4px 4px 4px  
4px #DBCAD5 }
```

# Background

The CSS property to change the background color of an element to Hex DBCAD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBCAD5 }
```

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

```
.background{ background-color:#DBCAD5 }
```

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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