

# Converting Colors

Hex(DBCFD4)

Have a look what the booklet for  
Hex(DBCFD4) contains.

<b>Hex(DBCFD4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DBCFD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBCFD4
RGB	219, 207, 212
RGB Percent	86%, 81%, 83%
CMY	0.1412, 0.1882, 0.1686
CMYK	0.00, 0.05, 0.03, 0.14
HSL	335°, 14%, 84%
HSV	335°, 5%, 86%
XYZ	63.4099, 64.4392, 71.3833
YIQ	211.1580, 5.5470, 4.0990

# Conversions

## Conversions Part 2

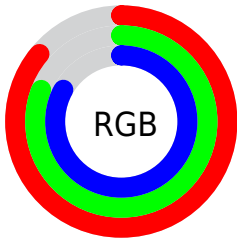
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 207, 212
Decimal	14405588
CIE Lab	84.19, 5.02, -1.00
CIE LCh	84, 5.122, 348.792
Yxy	64.4392, 0.3183, 0.3234
Android (android.graphics.Color)	4292595668 (0xFFDBC4D4)
YUV	211.1580, 0.4151, 6.8774
Hunter-Lab	80.2740, 0.5209, 3.4685

# Details

The Hex color **DBCFD4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CFDBD6**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **A4999D** is the 20% darker color. If you saturate the color by 10%, you get **DBB9C7**, and if you desaturate by 10%, it is **DBE5E1**.

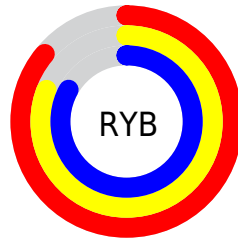
# Distribution



Red (86%)

Green (81%)

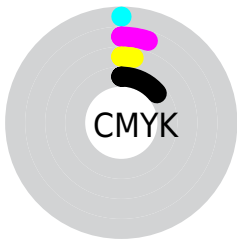
Blue (83%)



Red (86%)

Yellow (81%)

Blue (83%)

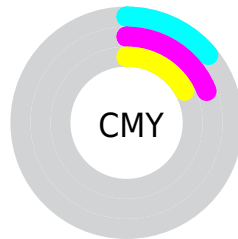


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (14%)



Cyan (14%)

Magenta (19%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBCFD4 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 DBCFD4 by changing the saturation by 10% instead.



 DBCFD4

FFFFFF

 DBCFD4

 BFB3B8

 A4999D

 8A7F83

 70666A

 584E52

 41373B

 2A2225

 160B11

 000000

 DBCFD4

 DBCFD4

 DBB9C7

 DBE5E1

 DBA3BA

 DBFBEE

 DB8DAE

 DBFFFA

 DB77A1

 DBFFFF

 DB6294

 DB4C87

 DB367B

 DB206E

 DB0A61

# Harmonies

## Analogous

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



D7D0D8



DBCFD4



DDCFCF

# Triad

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



DBCFD4



D3D3C9



C7D4D9

# Complementary

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



DBCFD4



CFDBD6

# 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.



C7D5D5



DBCFD4



CDD4CC

# Square

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



DBCFD4



D8D1C9



C9D5D0



CBD3DB

# Rectangle

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



DBCFD4



DCCFCC



C9D5D0



C7D5D8



# Sweetspot

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



DBCFD4



FFFAFC



D6CFDB



807D7E



000000



808080



# Same Dimension

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



DBCFD4



FFEDF5



DBD0CF



6E6569



AD0048



2E0013



# Inverse Universe

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



DBCFD4



FFEDF5



CFDADB



6E6569



AD0048

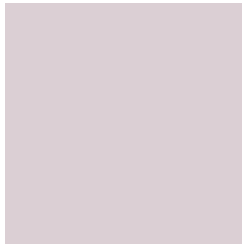


2E0013



# Previews

## White Background



This preview shows how the Hex color DBCFD4 looks on a white background.

## Color Contrast Check

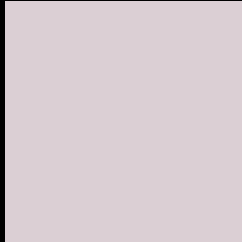
Large Text (above 18pt) WCAG AA × Fail

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 DBCFD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

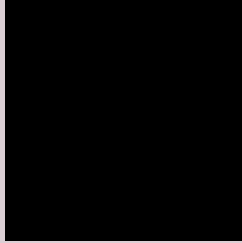
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

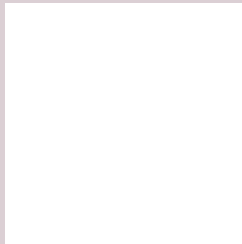
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBCFD4 Background



This preview shows how black text looks on a background with the Hex color DBCFD4.

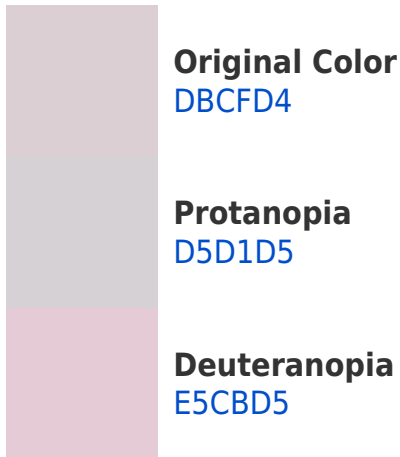


This preview shows how white text looks on a background with the Hex color DBCFD4.

# 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



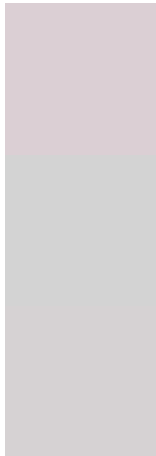
**Original Color**  
DBCFD4

**Protanomaly**  
D7D0D5

**Deuteranomaly**  
E1CCD5

**Tritanomaly**  
DCCEDA

# Monochromacy



**Original Color**  
DBCFD4

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
D6D2D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBCFD4 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 #DBCFD4 looks like.

```
.text, #text, p{  
    color:#DBCFD4  
}
```

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 #DBCFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBCFD4
}
```

## Border

The CSS property to change the border of an element to Hex DBCFD4 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
#DBCFD4 }
```

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

```
.border{ border-color:#DBCFD4 }
```

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

Here you see how a box with a 4 pixel #DBCFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBCFD4; -webkit-box-shadow:4px 4px  
4px 4px #DBCFD4; box-shadow:4px 4px 4px  
4px #DBCFD4 }
```

# Background

The CSS property to change the background color of an element to Hex DBCFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBCFD4 }
```

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

```
.background{ background-color:#DBCFD4 }
```

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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