

# Converting Colors

Hex(DCD4E7)

Have a look what the booklet for  
Hex(DCD4E7) contains.

<b>Hex(DCD4E7)</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(DCD4E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD4E7
RGB	220, 212, 231
RGB Percent	86%, 83%, 91%
CMY	0.1373, 0.1686, 0.0941
CMYK	0.05, 0.08, 0.00, 0.09
HSL	265°, 28%, 87%
HSV	265°, 8%, 91%
XYZ	67.4825, 68.0721, 85.1838
YIQ	216.5580, -1.3310, 7.6050

# Conversions

## Conversions Part 2

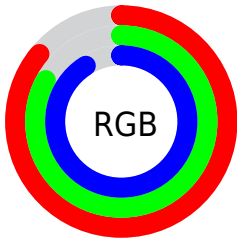
Format	Color
R <sub>Y</sub> B	220, 212, 231
Decimal	14472423
CIE Lab	86.04, 6.22, -8.35
CIE LCh	86, 10.411, 306.657
Yxy	68.0721, 0.3057, 0.3084
Android (android.graphics.Color)	4292662503 (0xFFD4CD4E7)
YUV	216.5580, 7.1199, 3.0186
Hunter-Lab	82.5058, 1.6120, -3.4604

# Details

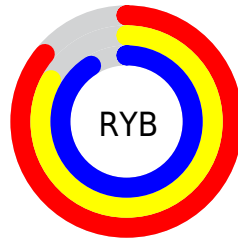
The Hex color **DCD4E7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DFE7D4**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A59DAF** is the 20% darker color. If you saturate the color by 10%, you get **CFBDE7**, and if you desaturate by 10%, it is **E9EBE7**.

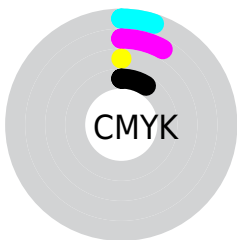
# Distribution



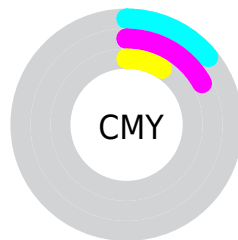
- Red (86%)
- Green (83%)
- Blue (91%)



- Red (86%)
- Yellow (83%)
- Blue (91%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD4E7 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 DCD4E7 by changing the saturation by 10% instead.



■ DCD4E7

FFFFFF

■ DCD4E7

■ C0B8CB

■ A59DAF

■ 8B8395

■ 716A7B

■ 595262

■ 413B4A

■ 2B2534

■ 17111F

■ 000004

 DCD4E7

 DCD4E7

 CFBDE7

 E9EBE7

 C1A6E7

 F7FFE7

 B48FE7


 FFFFE7

 A778E7

 9961E7

 8C49E7

 7E32E7

 711BE7

 6404E7

# Harmonies

## Analogous

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



D0D7EB



DCD4E7



E6D2DF

# Triad

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



DCD4E7



E7D4C5



C0DDD9

# Complementary

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



DCD4E7



DFE7D4

# 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.



C7DCCF



DCD4E7



DDD7C4

# Square

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



DCD4E7



ECD2CC



D2DAC7



BFDCE3

# Rectangle

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



DCD4E7



EBD1D9



D2DAC7



C2DDD6



# Sweetspot

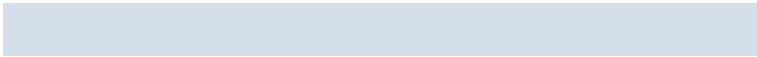
The Sweet Spot groups the original color and five complimentary colors.



DCD4E7



FCFAFF



D4DFE7



7E7D80



000000



808080



# Same Dimension

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



DCD4E7



F0E6FF



E5D4E7



6C6773



4B00B3



150033



# Inverse Universe

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



E7D4DF



FFE6F4



D6E7D4



73676E



B30067

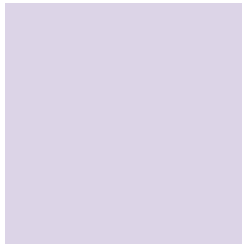


33001E



# Previews

## White Background



This preview shows how the Hex color DCD4E7 looks on a white background.

## Color Contrast Check

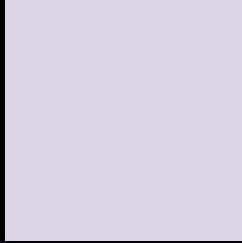
Large Text (above 18pt) WCAG AA × Fail

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 DCD4E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

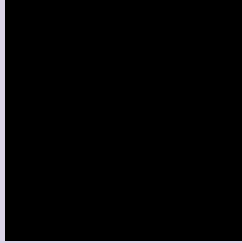
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

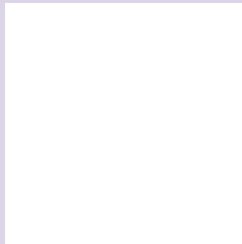
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCD4E7 Background



This preview shows how black text looks on a background with the Hex color DCD4E7.

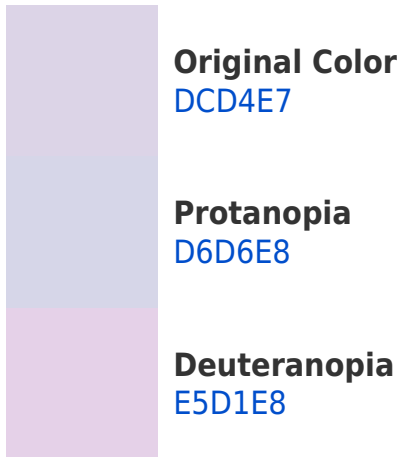


This preview shows how white text looks on a background with the Hex color DCD4E7.

# 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**  
DCD4E5

# Trichromacy



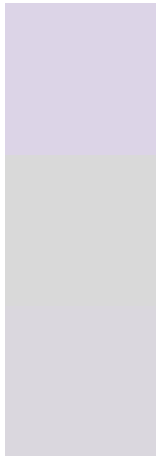
**Original Color**  
DCD4E7

**Protanomaly**  
D8D5E8

**Deuteranomaly**  
E2D2E8

**Tritanomaly**  
DCD4E6

# Monochromacy



**Original Color**  
DCD4E7

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
DAD7DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD4E7 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 #DCD4E7 looks like.

```
.text, #text, p{  
    color:#DCD4E7  
}
```

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 #DCD4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD4E7
}
```

## Border

The CSS property to change the border of an element to Hex DCD4E7 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
#DCD4E7 }
```

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

```
.border{ border-color:#DCD4E7 }
```

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

Here you see how a box with a 4 pixel #DCD4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD4E7; -webkit-box-shadow:4px 4px  
4px 4px #DCD4E7; box-shadow:4px 4px 4px  
4px #DCD4E7 }
```

# Background

The CSS property to change the background color of an element to Hex DCD4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD4E7 }
```

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

```
.background{ background-color:#DCD4E7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor