

Converting Colors

Hex(DCD9EA)

Have a look what the booklet for
Hex(DCD9EA) contains.

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Color

Hex(DCD9EA)

Conversions

Conversions Part 1

Format	Color
Hex	DCD9EA
RGB	220, 217, 234
RGB Percent	86%, 85%, 92%
CMY	0.1373, 0.1490, 0.0824
CMYK	0.06, 0.07, 0.00, 0.08
HSL	251°, 29%, 88%
HSV	251°, 7%, 92%
XYZ	69.1793, 70.7819, 87.8580
YIQ	219.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

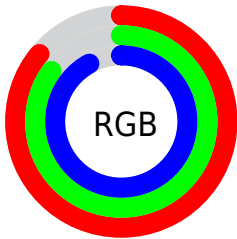
Format	Color
R _Y B	220, 217, 234
Decimal	14473706
CIE Lab	87.38, 4.16, -7.96
CIE LCh	87, 8.980, 297.620
Yxy	70.7819, 0.3037, 0.3107
Android (android.graphics.Color)	4292663786 (0xFFD9CD9EA)
YUV	219.8350, 6.9833, 0.1447
Hunter-Lab	84.1320, -0.4554, -3.0235

Details

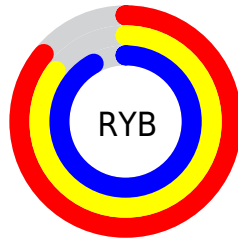
The Hex color **DCD9EA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7EAD9**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **A5A2B2** is the 20% darker color. If you saturate the color by 10%, you get **C9C2EA**, and if you desaturate by 10%, it is **EFF0EA**.

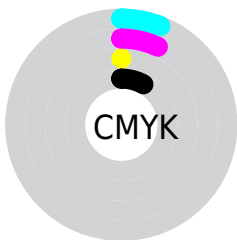
Distribution



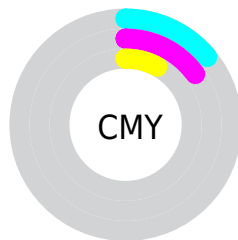
- Red (86%)
- Green (85%)
- Blue (92%)



- Red (86%)
- Yellow (85%)
- Blue (92%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCD9EA 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 DCD9EA by changing the saturation by 10% instead.

■ DCD9EA

FFFFFF

■ DCD9EA

■ C0BDCE

■ A5A2B2

■ 8B8898

■ 716F7E

■ 595665

■ 413F4D

■ 2B2936

■ 161521

■ 000008

 DCD9EA

 DCD9EA

 C9C2EA

 EFF0EA

 B5AAEA

 FFFFEA

 A293EA

 8F7BEA

 7C64EA

 684DEA

 5535EA

 421EEA

 2F06EA

Harmonies

Analogous

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



D2DCEC



DCD9EA



E6D7E4

Triad

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



DCD9EA



EAD7CD



C9E0DA

Complementary

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



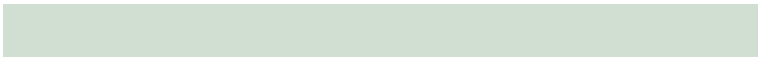
DCD9EA



E7EAD9

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.



D0DFD2



DCD9EA



E3DACA

Square

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



DCD9EA



EED6D3



D9DDCC



C6E0E2

Rectangle

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



DCD9EA



EAD6DF



D9DDCC



CBE0D7

Sweetspot

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



DCD9EA



FBFAFF



D9E7EA



7D7D80



000000



808080

Same Dimension

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



DCD9EA



ECE8FF



E4D9EA



6C6A75



2000B5



090036

Inverse Universe

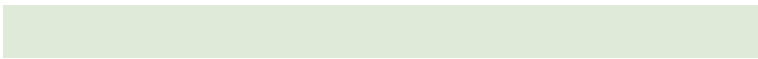
The Inverse Universe completely reimagines the original color for something new.



EAD9E7



FFE8FB



DFEAD9



756A73



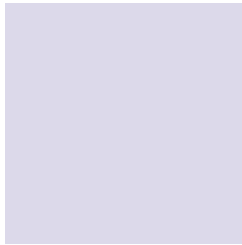
B50095



36002C

Previews

White Background



This preview shows how the Hex color DCD9EA looks on a white background.

Color Contrast Check

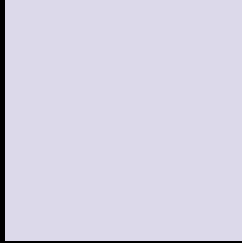
Large Text (above 18pt) WCAG AA × Fail

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 DCD9EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

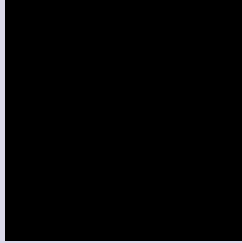
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

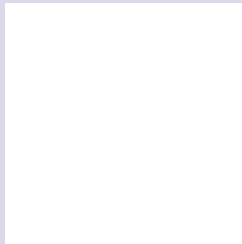
Any Text WCAG AAA ✓ Pass

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

Hex DCD9EA Background



This preview shows how black text looks on a background with the Hex color DCD9EA.



This preview shows how white text looks on a background with the Hex color DCD9EA.

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
DCD9EA

Trichromacy



Original Color
DCD9EA

Protanomaly
DBDAEA

Deuteranomaly
E4D6EB

Tritanomaly
DCD9EA

Monochromacy



Original Color
DCD9EA

Achromatopsia
DCDCDC

Achromatomaly
DCDBE1

CSS Examples

Text

The CSS property to change the color of the text to Hex DCD9EA 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 #DCD9EA looks like.

```
.text, #text, p{  
    color:#DCD9EA  
}
```

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 #DCD9EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD9EA
}
```

Border

The CSS property to change the border of an element to Hex DCD9EA 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
#DCD9EA }
```

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

```
.border{ border-color:#DCD9EA }
```

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

Here you see how a box with a 4 pixel #DCD9EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD9EA; -webkit-box-shadow:4px 4px  
4px 4px #DCD9EA; box-shadow:4px 4px 4px  
4px #DCD9EA }
```

Background

The CSS property to change the background color of an element to Hex DCD9EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD9EA }
```

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

```
.background{ background-color:#DCD9EA }
```

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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