

# Converting Colors

Hex(DCD9E2)

Have a look what the booklet for  
Hex(DCD9E2) contains.

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# **Color**

**Hex(DCD9E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD9E2
RGB	220, 217, 226
RGB Percent	86%, 85%, 89%
CMY	0.1373, 0.1490, 0.1137
CMYK	0.03, 0.04, 0.00, 0.11
HSL	260°, 13%, 87%
HSV	260°, 4%, 89%
XYZ	68.0555, 70.3323, 81.9401
YIQ	218.9230, -1.1010, 3.4350

# Conversions

## Conversions Part 2

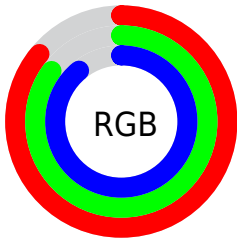
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 217, 226
Decimal	14473698
CIE Lab	87.16, 2.66, -4.06
CIE LCh	87, 4.851, 303.251
Yxy	70.3323, 0.3089, 0.3192
Android (android.graphics.Color)	4292663778 (0xFFD9E2)
YUV	218.9230, 3.4890, 0.9445
Hunter-Lab	83.8644, -1.9108, 0.7755

# Details

The Hex color **DCD9E2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DFE2D9**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A5A2AB** is the 20% darker color. If you saturate the color by 10%, you get **CDC2E2**, and if you desaturate by 10%, it is **EBF0E2**.

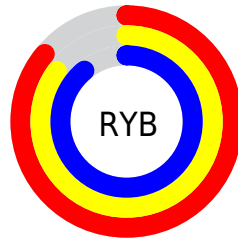
# Distribution



Red (86%)

Green (85%)

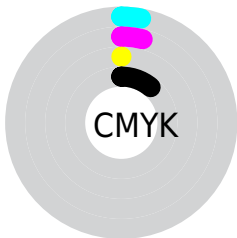
Blue (89%)



Red (86%)

Yellow (85%)

Blue (89%)

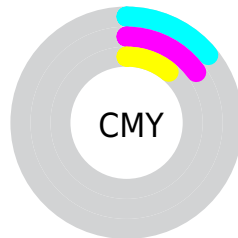


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (15%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD9E2 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 DCD9E2 by changing the saturation by 10% instead.



■ DCD9E2

FFFFFF

■ DCD9E2

■ C0BDC6

■ A5A2AB

■ 8B8890

■ 716F77

■ 59565E

■ 413F46

■ 2B2930

■ 17151B

■ 000000

 DCD9E2

 DCD9E2

 CDC2E2

 EBF0E2

 BEACE2

 FAFFE2

 AF95E2

 FFFFE2

 A07FE2

 9168E2

 8251E2

 733BE2

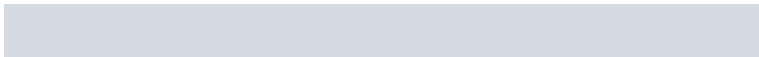
 6324E2

 540EE2

# Harmonies

## Analogous

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



D6DBE3



DCD9E2



E1D8DF

# Triad

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



DCD9E2



E2D9D2



D0DDDB

# Complementary

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



DCD9E2



DFE2D9

# 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.



D3DDD6



DCD9E2



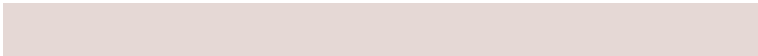
DEDAD1

# Square

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



DCD9E2



E5D8D5



D8DCD3



CFDDDF

# Rectangle

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



DCD9E2



E3D7DC



D8DCD3



D1DDD9



# Sweetspot

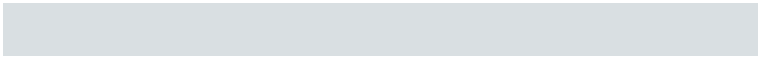
The Sweet Spot groups the original color and five complimentary colors.



DCD9E2



FDFCFF



D9DFE2



7F7E80



000000



808080



# Same Dimension

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



DCD9E2



F7F2FF



E1D9E2



6C6970



3B00B0



100030



# Inverse Universe

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



E2D9DF



FFF2FB



DBE2D9



70696E



B00075

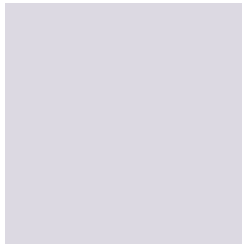


300020



# Previews

## White Background



This preview shows how the Hex color DCD9E2 looks on a white background.

## Color Contrast Check

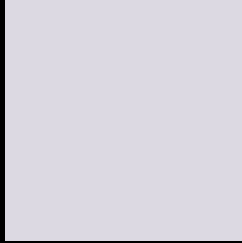
Large Text (above 18pt) WCAG AA × Fail

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 DCD9E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

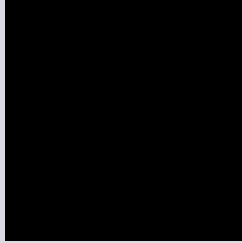
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

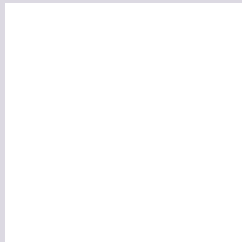
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCD9E2 Background



This preview shows how black text looks on a background with the Hex color DCD9E2.

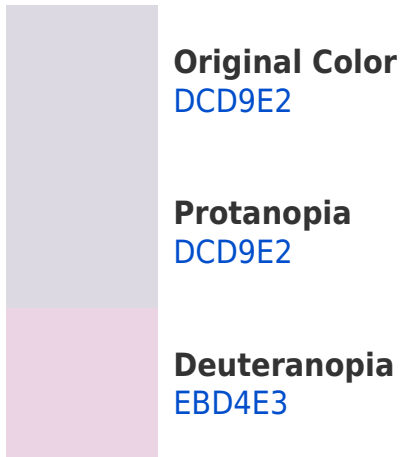


This preview shows how white text looks on a background with the Hex color DCD9E2.

# 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](#).

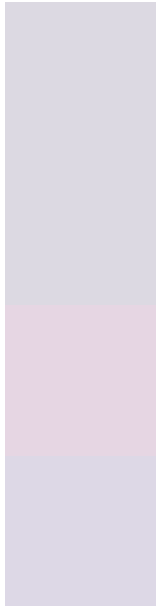
## Dichromacy





**Tritanopia**  
DDD8E9

# Trichromacy



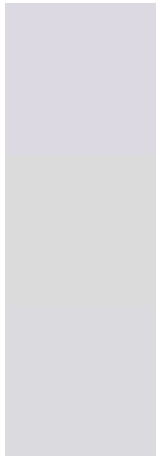
**Original Color**  
DCD9E2

**Protanomaly**  
DCD9E2

**Deuteranomaly**  
E6D6E3

**Tritanomaly**  
DDD8E6

# Monochromacy



**Original Color**  
DCD9E2

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
DBDADE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD9E2 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 #DCD9E2 looks like.

```
.text, #text, p{  
    color:#DCD9E2  
}
```

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 #DCD9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD9E2
}
```

## Border

The CSS property to change the border of an element to Hex DCD9E2 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
#DCD9E2 }
```

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

```
.border{ border-color:#DCD9E2 }
```

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

Here you see how a box with a 4 pixel #DCD9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD9E2; -webkit-box-shadow:4px 4px  
4px 4px #DCD9E2; box-shadow:4px 4px 4px  
4px #DCD9E2 }
```

# Background

The CSS property to change the background color of an element to Hex DCD9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD9E2 }
```

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

```
.background{ background-color:#DCD9E2 }
```

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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