

# Converting Colors

Hex(DCC9E2)

Have a look what the booklet for  
Hex(DCC9E2) contains.

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# **Color**

**Hex(DCC9E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCC9E2
RGB	220, 201, 226
RGB Percent	86%, 79%, 89%
CMY	0.1373, 0.2118, 0.1137
CMYK	0.03, 0.11, 0.00, 0.11
HSL	286°, 30%, 84%
HSV	286°, 11%, 89%
XYZ	64.1293, 62.4799, 80.6314
YIQ	209.5310, 3.2990, 11.8030

# Conversions

## Conversions Part 2

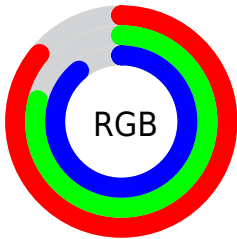
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 201, 226
Decimal	14469602
CIE Lab	83.17, 11.09, -9.96
CIE LCh	83, 14.911, 318.064
Yxy	62.4799, 0.3094, 0.3015
Android (android.graphics.Color)	4292659682 (0xFFDCC9E2)
YUV	209.5310, 8.1192, 9.1813
Hunter-Lab	79.0442, 6.4913, -5.1495

# Details

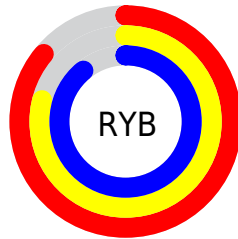
The Hex color **DCC9E2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CFE2C9**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFFF**, and **A593AB** is the 20% darker color. If you saturate the color by 10%, you get **D7B2E2**, and if you desaturate by 10%, it is **E1E0E2**.

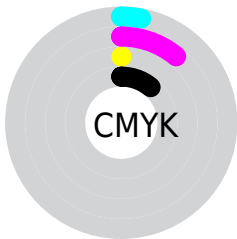
# Distribution



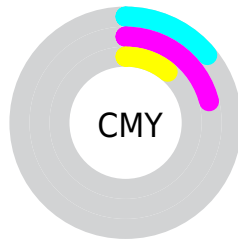
- Red (86%)
- Green (79%)
- Blue (89%)



- Red (86%)
- Yellow (79%)
- Blue (89%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (21%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCC9E2 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 DCC9E2 by changing the saturation by 10% instead.



 DCC9E2

FFFFFF

 DCC9E2

 C0AEC6

 A593AB

 8B7990

 716077

 58495E

 413246

 2B1D30

 17041B

 000000

 DCC9E2

 DCC9E2

 D7B2E2

 E1E0E2

 D19CE2

 E7F6E2

 CC85E2

 ECFFE2

 C66FE2

 F2FFE2

 C158E2

 F7FFE2

 BB41E2

 FDFFE2

 B62BE2

 FFFFE2

 B114E2

 AC00E2

# Harmonies

## Analogous

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



CBCDEA



DCC9E2



E8C6D5

# Triad

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



DCC9E2



E0CCB4



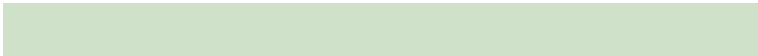
ACD7D7

# Complementary

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



DCC9E2



CFE2C9

# 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.



B3D7C9



DCC9E2



D1D1B4

# Square

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



DCC9E2



EAC8BB



C1D5BC



AED6E3

# Rectangle

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



DCC9E2



EDC6CC



C1D5BC



ADD8D3



# Sweetspot

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



DCC9E2



FDF7FF



C9CFE2



7E7A80



000000



808080



# Same Dimension

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



DCC9E2



F7DEFF



E2C9DC



6E6570



8600B0



250030



# Inverse Universe

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



E2C9CF



FFDEE6



C9E2CF



706568



B0002A



30000C



# Previews

## White Background



This preview shows how the Hex color DCC9E2 looks on a white background.

## Color Contrast Check

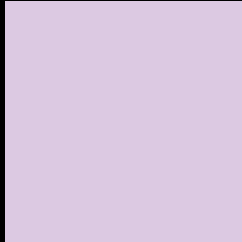
Large Text (above 18pt) WCAG AA × Fail

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 DCC9E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

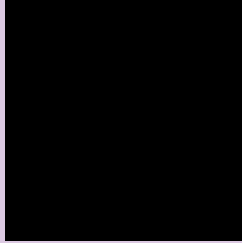
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCC9E2 Background



This preview shows how black text looks on a background with the Hex color DCC9E2.

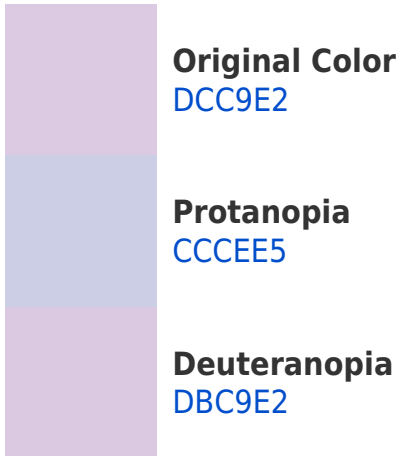


This preview shows how white text looks on a background with the Hex color DCC9E2.

# 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**  
DCC9E2

**Protanomaly**  
D2CCE4

**Deuteranomaly**  
DBC9E2

**Tritanomaly**  
DBCADD

# Monochromacy



**Original Color**  
DCC9E2

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
D6CFD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCC9E2 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 #DCC9E2 looks like.

```
.text, #text, p{  
    color:#DCC9E2  
}
```

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 #DCC9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCC9E2
}
```

## Border

The CSS property to change the border of an element to Hex DCC9E2 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
#DCC9E2 }
```

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

```
.border{ border-color:#DCC9E2 }
```

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

Here you see how a box with a 4 pixel #DCC9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCC9E2; -webkit-box-shadow:4px 4px  
4px 4px #DCC9E2; box-shadow:4px 4px 4px  
4px #DCC9E2 }
```

# Background

The CSS property to change the background color of an element to Hex DCC9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCC9E2 }
```

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

```
.background{ background-color:#DCC9E2 }
```

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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