

# Converting Colors

Hex(DCAECB)

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

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# **Color**

**Hex(DCAECB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCAECB
RGB	220, 174, 203
RGB Percent	86%, 68%, 80%
CMY	0.1373, 0.3176, 0.2039
CMYK	0.00, 0.21, 0.08, 0.14
HSL	322°, 40%, 77%
HSV	322°, 21%, 86%
XYZ	55.4307, 49.7995, 63.1907
YIQ	191.0600, 18.1070, 18.7710

# Conversions

## Conversions Part 2

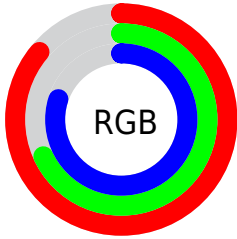
Format	Color
R <sub>Y</sub> B	220, 174, 203
Decimal	14462667
CIE Lab	75.95, 21.42, -8.30
CIE LCh	76, 22.973, 338.828
Yxy	49.7995, 0.3291, 0.2957
Android (android.graphics.Color)	4292652747 (0xFFDCAECB)
YUV	191.0600, 5.8864, 25.3804
Hunter-Lab	70.5688, 16.7137, -3.6929

# Details

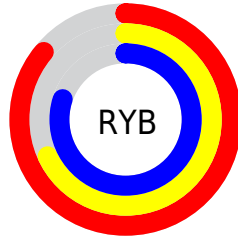
The Hex color **DCAECB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AEDCBF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE6FF**, and **A57995** is the 20% darker color. If you saturate the color by 10%, you get **DC98C3**, and if you desaturate by 10%, it is **DCC4D3**.

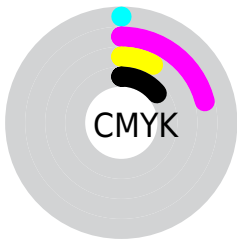
# Distribution



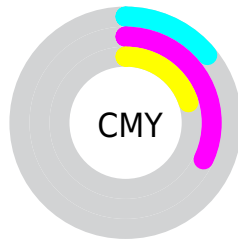
- Red (86%)
- Green (68%)
- Blue (80%)



- Red (86%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (32%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 DCAECB

FFFFFF

 FFE6FF

 DCAECB

 C093B0

 A57995

 8A607B

 704862

 57314A

 3F1B34

 29051F

 090003

 000000

 DCAECB

 DCAECB

 DC98C3

 DCC4D3

 DC82BB

 DCDADB

 DC6CB3

 DCF0E3

 DC56AA

 DCF FEC

 DC40A2

 DCFFF4

 DC2A9A

 DCFFFC

 DC1492

 DCFFFF

 DC008B

# Harmonies

## Analogous

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



C7B4DC



DCAECB



E6ACB6

# Triad

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



DCAECB



C5BC91



81C6D5

# Complementary

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



DCAECB



AEDCBF

# 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.



84C7C1



DCAECB



ADC29A

# Square

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



DCAECB



D9B594



95C6AB



90C2E2

# Rectangle

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



DCAECB



E7ADA8



95C6AB



80C7CF



# Sweetspot

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



DCAECB



FFF0F9



BFAEDC



80777C



000000



808080



# Same Dimension

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



DCAECB



FFBFE7



DCAEB4



6E636A



AD006D



2E001D



# Inverse Universe

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



DCAECB



FFBFE7



AEDCD6



6E636A



AD006D

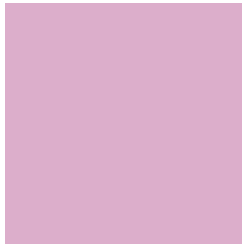


2E001D



# Previews

## White Background



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

## Color Contrast Check

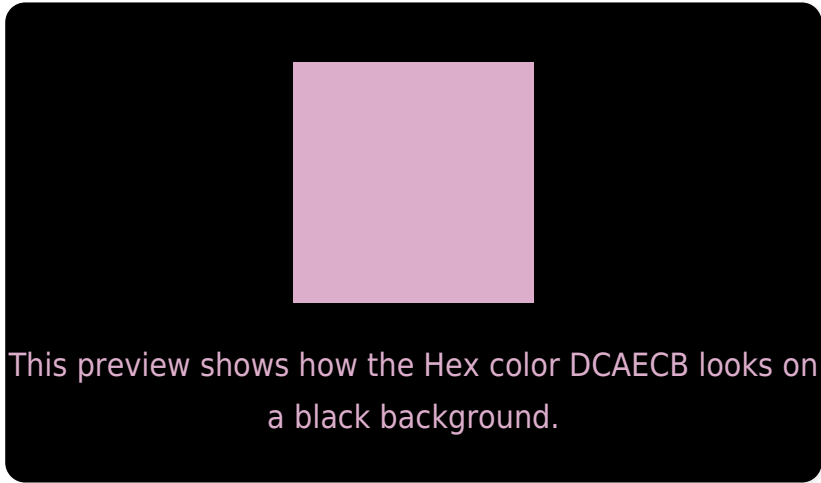
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 DCAECB Background



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

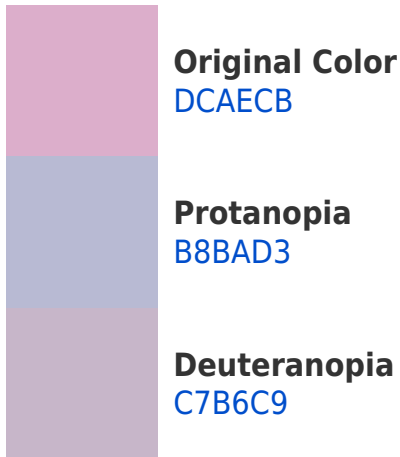


This preview shows how white text looks on a background with the Hex color DCAECB.

# 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**  
DCAECB

**Protanomaly**  
C5B6D0

**Deuteranomaly**  
CFB3CA

**Tritanomaly**  
DBAFC3

# Monochromacy



**Original Color**  
DCAECB

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
CAB9C3

# CSS Examples

## Text

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

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

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 #DCAECB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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