

# Converting Colors

Hex(DCAEB7)

Have a look what the booklet for  
Hex(DCAEB7) contains.

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# **Color**

**Hex(DCAEB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCAEB7
RGB	220, 174, 183
RGB Percent	86%, 68%, 72%
CMY	0.1373, 0.3176, 0.2824
CMYK	0.00, 0.21, 0.17, 0.14
HSL	348°, 40%, 77%
HSV	348°, 21%, 86%
XYZ	53.1985, 48.9066, 51.4358
YIQ	188.7800, 24.5270, 12.5510

# Conversions

## Conversions Part 2

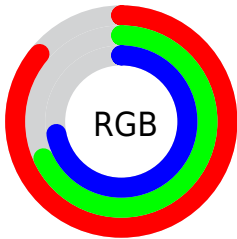
Format	Color
R <sub>Y</sub> B	220, 174, 183
Decimal	14462647
CIE Lab	75.39, 18.12, 1.81
CIE LCh	75, 18.211, 5.708
Yxy	48.9066, 0.3465, 0.3185
Android (android.graphics.Color)	4292652727 (0xFFDCAEB7)
YUV	188.7800, -2.8495, 27.3799
Hunter-Lab	69.9333, 13.4023, 5.3456

# Details

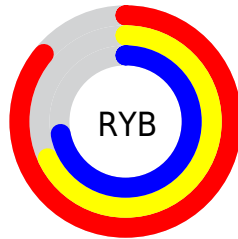
The Hex color **DCAEB7** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **AEDCD3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFE6EF**, and **A47982** is the 20% darker color. If you saturate the color by 10%, you get **DC98A5**, and if you desaturate by 10%, it is **DCC4C9**.

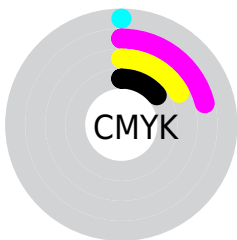
# Distribution



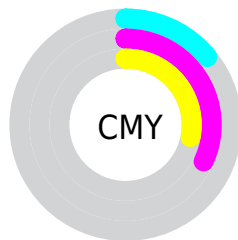
- Red (86%)
- Green (68%)
- Blue (72%)



- Red (86%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (14%)



- Cyan (14%)
- Magenta (32%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCAEB7 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 DCAEB7 by changing the saturation by 10% instead.



 DCAEB7

 DCAEB7

FFFFFF

 C0939C

 FFE6EF

 A47982

 8A6069

 704851

 57313A

 3E1C25

 28050F

 000000

 DCAEB7

 DCAEB7

 DC98A5

 DCC4C9

 DC8294

 DCDADA

 DC6C82

 DCF0EC

 DC5670

 DCFFFE

 DC405F

 DCFFFF

 DC2A4D

 DC143B

 DC002B

# Harmonies

## Analogous

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



D2B0C8



DCAEB7



DCB0A7

# Triad

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



DCAEB7



B1BF9E



97BFD8

# Complementary

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



DCAEB7



AEDCD3

# 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.



8DC3CD



DCAEB7



9EC2AB

# Square

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



DCAEB7



C4BA98



91C4BC



ABBADB

# Rectangle

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



DCAEB7



D7B29F



91C4BC



93C1D5

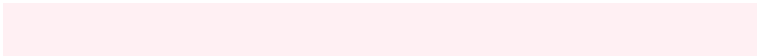


# Sweetspot

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



DCAEB7



FFF0F3



D3AEDC



807778



000000



808080



# Same Dimension

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



DCAEB7



FFBFCC



DCBCAE



6E6365



AD0022



2E0009



# Inverse Universe

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



DCAEB7



FFBFCC



AECEDC



6E6365



AD0022

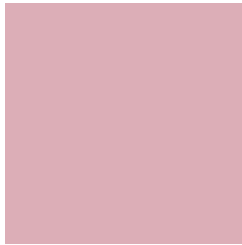


2E0009



# Previews

## White Background



This preview shows how the Hex color DCAEB7 looks on a white background.

## Color Contrast Check

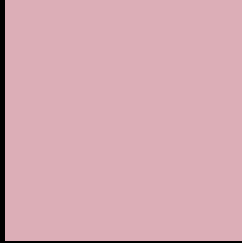
Large Text (above 18pt) WCAG AA × Fail

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 DCAEB7 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 DCAEB7 Background



This preview shows how black text looks on a background with the Hex color DCAEB7.

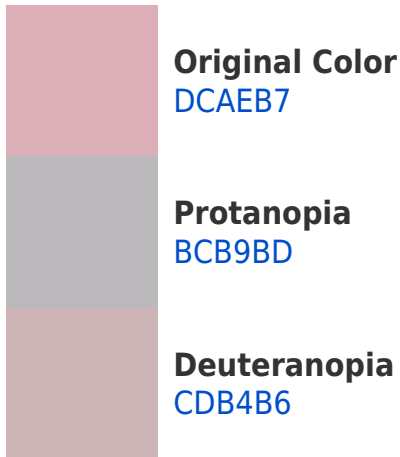


This preview shows how white text looks on a background with the Hex color DCAEB7.

# 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**  
DCAEB7

**Protanomaly**  
C8B5BB

**Deuteranomaly**  
D2B2B6

**Tritanomaly**  
DCADBA

# Monochromacy



**Original Color**  
DCAEB7

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
C8B8BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCAEB7 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 #DCAEB7 looks like.

```
.text, #text, p{  
    color:#DCAEB7  
}
```

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 #DCAEB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAEB7  
}
```

## Border

The CSS property to change the border of an element to Hex DCAEB7 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  
#DCAEB7 }
```

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

```
.border{ border-color:#DCAEB7 }
```

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

Here you see how a box with a 4 pixel #DCAEB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAEB7; -webkit-box-shadow:4px 4px  
4px 4px #DCAEB7; box-shadow:4px 4px 4px  
4px #DCAEB7 }
```

# Background

The CSS property to change the background color of an element to Hex DCAEB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAEB7 }
```

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

```
.background{ background-color:#DCAEB7 }
```

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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