

# Converting Colors

Hex(DCB2E2)

Have a look what the booklet for  
Hex(DCB2E2) contains.

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# **Color**

**Hex(DCB2E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCB2E2
RGB	220, 178, 226
RGB Percent	86%, 70%, 89%
CMY	0.1373, 0.3020, 0.1137
CMYK	0.03, 0.21, 0.00, 0.11
HSL	292°, 45%, 79%
HSV	292°, 21%, 89%
XYZ	59.1631, 52.5474, 78.9759
YIQ	196.0300, 9.6240, 23.8320

# Conversions

## Conversions Part 2

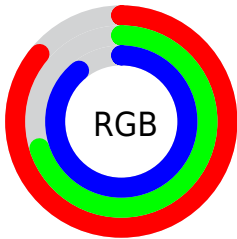
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 178, 226
Decimal	14463714
CIE <sub>Lab</sub>	77.61, 23.44, -18.31
CIE <sub>LCh</sub>	78, 29.738, 322.006
Yxy	52.5474, 0.3103, 0.2756
Android (android.graphics.Color)	4292653794 (0xFFDCB2E2)
YUV	196.0300, 14.7752, 21.0217
Hunter-Lab	72.4896, 18.8276, -13.8525

# Details

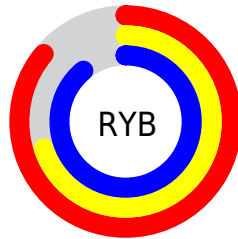
The Hex color **DCB2E2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8E2B2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEAFF**, and **A57DAB** is the 20% darker color. If you saturate the color by 10%, you get **D99BE2**, and if you desaturate by 10%, it is **DFC9E2**.

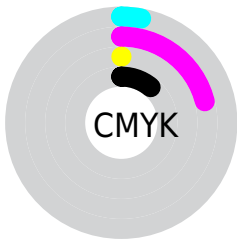
# Distribution



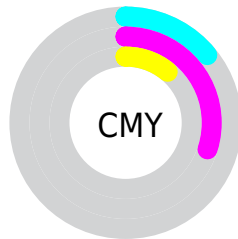
- Red (86%)
- Green (70%)
- Blue (89%)



- Red (86%)
- Yellow (70%)
- Blue (89%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (30%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCB2E2 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 DCB2E2 by changing the saturation by 10% instead.



 DCB2E2

FFFFFF

 FFEAFF

 DCB2E2

 C097C6

 A57DAB

 8A6490

 704C76

 57345E

 3F1E46

 28082F

 11001B

 000000

 DCB2E2

 DCB2E2

 D99BE2

 DFC9E2

 D685E2

 E2DFE2

 D46EE2

 E4F6E2

 D158E2

 E7FFE2

 CE41E2

 EAFFE2

 CB2AE2

 EDFFE2

 C814E2

 F0FFE2

 C600E2

 F3FFE2

 F5FFE2

# Harmonies

## Analogous

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



BABBF3



DCB2E2



F2ACC8

# Triad

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



DCB2E2



DBBB89



6DCFD3

# Complementary

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



DCB2E2



B8E2B2

# 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.



81CFB7



DCB2E2



BEC48C

# Square

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



DCB2E2



EFB295



9FCB9D



73CBEA

# Rectangle

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



DCB2E2



F7ACB6



9FCB9D



71CFCA



# Sweetspot

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



DCB2E2



FDF0FF



B2B8E2



7E7780



000000



808080



# Same Dimension

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



DCB2E2



F7BFFF



E2B2D0



6F6570



9A00B0



2A0030



# Inverse Universe

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



E2B2B8



FFBFC7



B2E2C4



706566



B00016

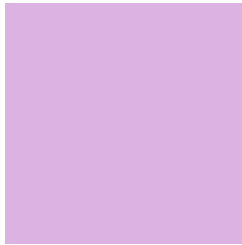


300006



# Previews

## White Background



This preview shows how the Hex color DCB2E2 looks on a white background.

## Color Contrast Check

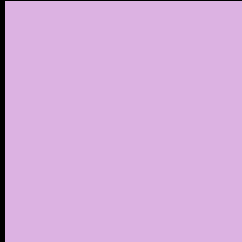
Large Text (above 18pt) WCAG AA × Fail

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 DCB2E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

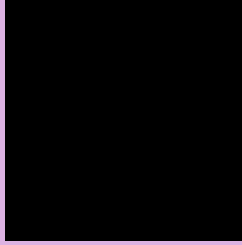
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCB2E2 Background



This preview shows how black text looks on a background with the Hex color DCB2E2.

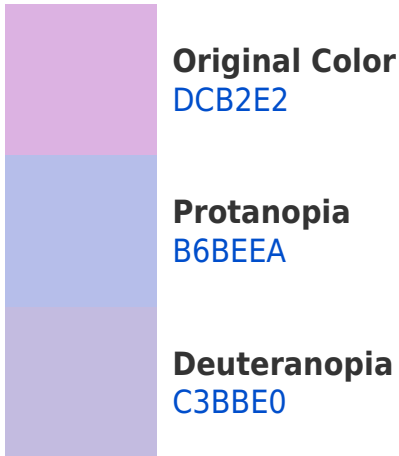


This preview shows how white text looks on a background with the Hex color DCB2E2.

# 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**  
D8B7C5

# Trichromacy



**Original Color**  
DCB2E2



**Protanomaly**  
C4BAE7



**Deuteranomaly**  
CCB8E1



**Tritanomaly**  
D9B5D0

# Monochromacy



**Original Color**  
DCB2E2



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
CDBDCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCB2E2 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 #DCB2E2 looks like.

```
.text, #text, p{  
    color:#DCB2E2  
}
```

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 #DCB2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCB2E2
}
```

## Border

The CSS property to change the border of an element to Hex DCB2E2 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
#DCB2E2 }
```

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

```
.border{ border-color:#DCB2E2 }
```

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

Here you see how a box with a 4 pixel #DCB2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCB2E2; -webkit-box-shadow:4px 4px  
4px 4px #DCB2E2; box-shadow:4px 4px 4px  
4px #DCB2E2 }
```

# Background

The CSS property to change the background color of an element to Hex DCB2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCB2E2 }
```

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

```
.background{ background-color:#DCB2E2 }
```

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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