

# Converting Colors

Hex(D8C4EB)

Have a look what the booklet for  
Hex(D8C4EB) contains.

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# **Color**

**Hex(D8C4EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D8C4EB
RGB	216, 196, 235
RGB Percent	85%, 77%, 92%
CMY	0.1529, 0.2314, 0.0784
CMYK	0.08, 0.17, 0.00, 0.08
HSL	271°, 49%, 85%
HSV	271°, 17%, 92%
XYZ	63.0542, 60.0769, 86.8700
YIQ	206.4260, -0.5990, 16.3690

# Conversions

## Conversions Part 2

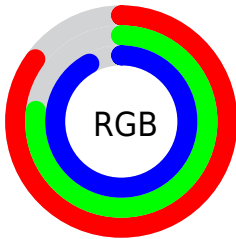
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 196, 235
Decimal	14206187
CIE Lab	81.88, 14.18, -16.74
CIE LCh	82, 21.936, 310.271
Yxy	60.0769, 0.3003, 0.2861
Android (android.graphics.Color)	4292396267 (0xFFD8C4EB)
YUV	206.4260, 14.0870, 8.3964
Hunter-Lab	77.5093, 9.5694, -12.1938

# Details

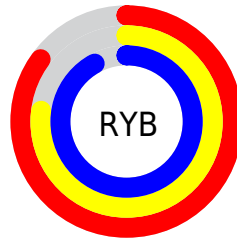
The Hex color **D8C4EB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D7EBC4**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFDFFF**, and **A18EB3** is the 20% darker color. If you saturate the color by 10%, you get **CDACEB**, and if you desaturate by 10%, it is **E3DCEB**.

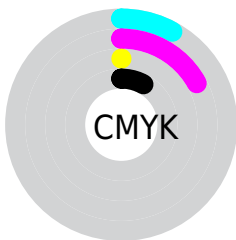
# Distribution



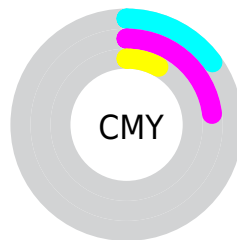
- Red (85%)
- Green (77%)
- Blue (92%)



- Red (85%)
- Yellow (77%)
- Blue (92%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (23%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8C4EB 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 D8C4EB by changing the saturation by 10% instead.



 D8C4EB

 D8C4EB

FFFFFF

 BCA9CF

 FFFDFD

 A18EB3

 877598

 6D5C7E

 554465

 3D2E4D

 271936

 140021

 000007

 D8C4EB

 D8C4EB

 CDACEB

 E3DCEB

 C195EB

 EFF3EB

 B67EEB

 FAF FEB

 AA66EB

 FFFFEB

 9F4FEB

 9337EB

 8820EB

 7C08EB

 7900EB

# Harmonies

## Analogous

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



BDCBF4



D8C4EB



ECBFDA

# Triad

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



D8C4EB



E8C6A5



97D8D2

# Complementary

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



D8C4EB



D7EBC4

# 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.



A6D6BD



D8C4EB



D4CCA3

# Square

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



D8C4EB



F4C0B2



BDD2AC



95D6E5

# Rectangle

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



D8C4EB



F4BDCC



BDD2AC



9BD7CB



# Sweetspot

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



D8C4EB



F9F2FF



C4D8EB



7C7880



000000



808080



# Same Dimension

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



D8C4EB



E6CCFF



EBC4EB



706A75



5D00B5



1B0036



# Inverse Universe

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



EBC4D7



FFCCE5



C4EBC4



756A6F



B50058

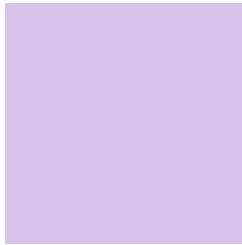


36001A



# Previews

## White Background



This preview shows how the Hex color D8C4EB looks on a white background.

## Color Contrast Check

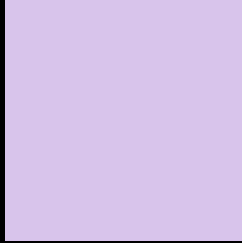
Large Text (above 18pt) WCAG AA × Fail

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 D8C4EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

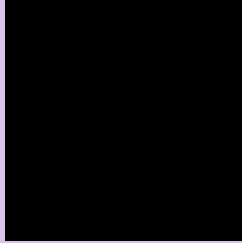
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D8C4EB Background



This preview shows how black text looks on a background with the Hex color D8C4EB.

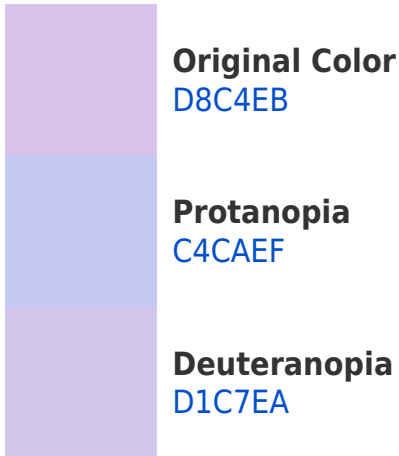


This preview shows how white text looks on a background with the Hex color D8C4EB.

# 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**  
D5C7D7

# Trichromacy



**Original Color**  
D8C4EB

**Protanomaly**  
CBC8EE

**Deuteranomaly**  
D4C6EA

**Tritanomaly**  
D6C6DE

# Monochromacy



**Original Color**  
D8C4EB

**Achromatopsia**  
CECECE

**Achromatomaly**  
D2CAD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8C4EB 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 #D8C4EB looks like.

```
.text, #text, p{  
    color:#D8C4EB  
}
```

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 #D8C4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8C4EB
}
```

## Border

The CSS property to change the border of an element to Hex D8C4EB 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
#D8C4EB }
```

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

```
.border{ border-color:#D8C4EB }
```

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

Here you see how a box with a 4 pixel #D8C4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8C4EB; -webkit-box-shadow:4px 4px  
4px 4px #D8C4EB; box-shadow:4px 4px 4px  
4px #D8C4EB }
```

# Background

The CSS property to change the background color of an element to Hex D8C4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8C4EB }
```

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

```
.background{ background-color:#D8C4EB }
```

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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