

# Converting Colors

Hex(D2C2EB)

Have a look what the booklet for  
Hex(D2C2EB) contains.

<b>Hex(D2C2EB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D2C2EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2C2EB
RGB	210, 194, 235
RGB Percent	82%, 76%, 92%
CMY	0.1765, 0.2392, 0.0784
CMYK	0.11, 0.17, 0.00, 0.08
HSL	263°, 51%, 84%
HSV	263°, 17%, 92%
XYZ	60.8655, 58.2834, 86.6391
YIQ	203.4580, -3.6250, 16.1430

# Conversions

## Conversions Part 2

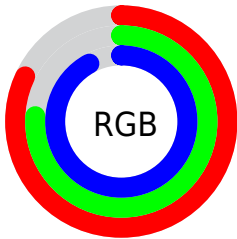
Format	Color
R <sub>Y</sub> B	210, 194, 235
Decimal	13812459
CIE Lab	80.90, 13.32, -18.27
CIE LCh	81, 22.606, 306.086
Yxy	58.2834, 0.2958, 0.2832
Android (android.graphics.Color)	4292002539 (0xFFD2C2EB)
YUV	203.4580, 15.5502, 5.7373
Hunter-Lab	76.3435, 8.7094, -13.8453

# Details

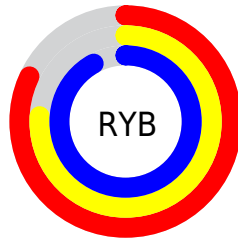
The Hex color **D2C2EB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DBEBC2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFBFF**, and **9B8CB3** is the 20% darker color. If you saturate the color by 10%, you get **C4ABEB**, and if you desaturate by 10%, it is **E0D9EB**.

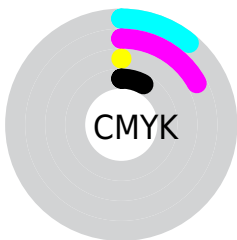
# Distribution



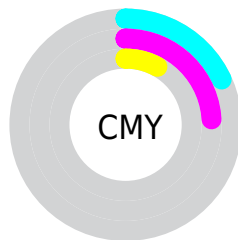
- Red (82%)
- Green (76%)
- Blue (92%)



- Red (82%)
- Yellow (76%)
- Blue (92%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (24%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2C2EB 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 D2C2EB by changing the saturation by 10% instead.



 D2C2EB


FFFFFF

 FFFBFF

 D2C2EB

 B6A7CF

 9B8CB3

 817398

 685A7E

 4F4365

 382D4D

 221836

 0F0021

 000006

 D2C2EB

 D2C2EB

 C4ABEB

 E0D9EB

 B593EB

 EFF1EB

 A77CEB

 FDFFEb

 9964EB

 FFFFEb

 8A4CEB

 7C35EB

 6E1DEB

 5F06EB

 5C00EB

# Harmonies

## Analogous

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



B6C9F3



D2C2EB



E8BCDA

# Triad

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



D2C2EB



E8C2A3



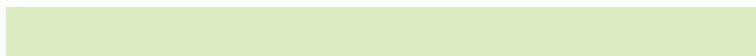
94D5CD

# Complementary

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



D2C2EB



DBEBC2

# 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.



A5D3B7



D2C2EB



D5C99F

# Square

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



D2C2EB



F3BCB1



BDCFA6



8FD4E1

# Rectangle

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



D2C2EB



F1BACC



BDCFA6



98D5C5



# Sweetspot

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



D2C2EB



F7F2FF



C2DBEB



7B7880



000000



808080



# Same Dimension

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



D2C2EB



DEC9FF



E6C2EB



6E6A75



4700B5



150036



# Inverse Universe

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



EBC2DB



FFC9EA



C7EBC2



756A71



B5006E

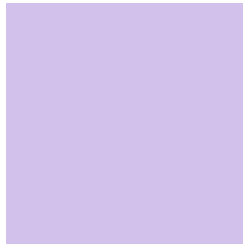


360021



# Previews

## White Background



This preview shows how the Hex color D2C2EB looks on a white background.

## Color Contrast Check

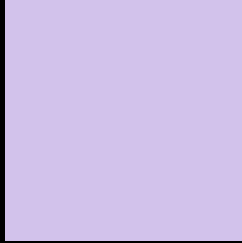
Large Text (above 18pt) WCAG AA × Fail

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 D2C2EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

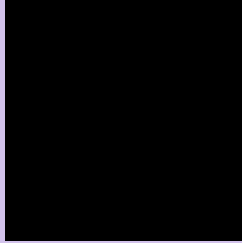
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2C2EB Background



This preview shows how black text looks on a background with the Hex color D2C2EB.

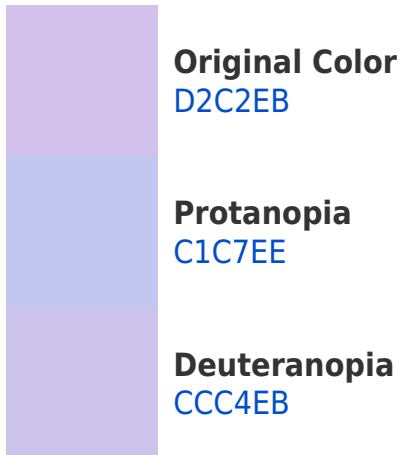


This preview shows how white text looks on a background with the Hex color D2C2EB.

# 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**  
D2C2EB

**Protanomaly**  
C7C5ED

**Deuteranomaly**  
CEC3EB

**Tritanomaly**  
CFC5DD

# Monochromacy



**Original Color**  
D2C2EB

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
CEC8D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2C2EB 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 #D2C2EB looks like.

```
.text, #text, p{  
    color:#D2C2EB  
}
```

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 #D2C2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2C2EB
}
```

## Border

The CSS property to change the border of an element to Hex D2C2EB 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
#D2C2EB }
```

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

```
.border{ border-color:#D2C2EB }
```

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

Here you see how a box with a 4 pixel #D2C2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2C2EB; -webkit-box-shadow:4px 4px  
4px 4px #D2C2EB; box-shadow:4px 4px 4px  
4px #D2C2EB }
```

# Background

The CSS property to change the background color of an element to Hex D2C2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2C2EB }
```

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

```
.background{ background-color:#D2C2EB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor