

Converting Colors

Hex(D68CEC)

Have a look what the booklet for
Hex(D68CEC) contains.

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Color

Hex(D68CEC)

Conversions

Conversions Part 1

Format	Color
Hex	D68CEC
RGB	214, 140, 236
RGB Percent	84%, 55%, 93%
CMY	0.1608, 0.4510, 0.0745
CMYK	0.09, 0.41, 0.00, 0.07
HSL	286°, 72%, 74%
HSV	286°, 41%, 93%
XYZ	52.2500, 39.1084, 84.1517
YIQ	173.0700, 13.2880, 45.5440

Conversions

Conversions Part 2

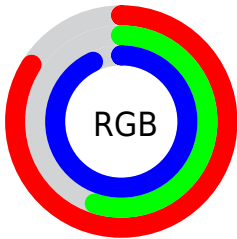
Format	Color
RYB	214, 140, 236
Decimal	14060780
CIELab	68.83, 43.95, -37.28
CIElCh	69, 57.631, 319.691
Yxy	39.1084, 0.2977, 0.2228
Android (android.graphics.Color)	4292250860 (0xFFD68CEC)
YUV	173.0700, 31.0245, 35.8956
Hunter-Lab	62.5367, 39.6989, -36.0070

Details

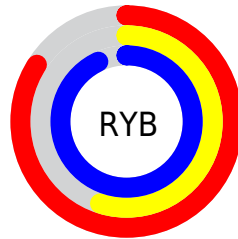
The Hex color **D68CEC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A2EC8C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC3FF**, and **9E58B4** is the 20% darker color. If you saturate the color by 10%, you get **D174EC**, and if you desaturate by 10%, it is **DBA4EC**.

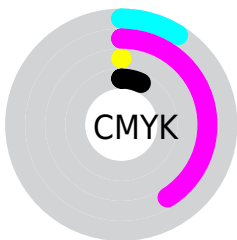
Distribution



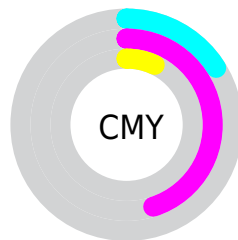
- Red (84%)
- Green (55%)
- Blue (93%)



- Red (84%)
- Yellow (55%)
- Blue (93%)



- Cyan (9%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D68CEC 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 D68CEC by changing the saturation by 10% instead.

 D68CEC

 D68CEC

FFFFFF

 BA72D0

 FFC3FF

 9E58B4

 FFDFFF

 823E99

 FFFCFF

 68257E

 4E0765

 34004D

 200036

 00021F

 000002

 D68CEC

 D68CEC

 D174EC

 DBA4EC

 CB5DEC

 E1BBEC

 C645EC

 E6D3EC

 C02EEC

 ECEAEC

 BB16EC

 F1FFEC

 B600EC

 F6FFEC

 FCFFEC

 FFFFEC

Harmonies

Analogous

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



8BA1FF



D68CEC



FE7CBC

Triad

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



D68CEC



D49F3D



00C2C9

Complementary

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



D68CEC



A2EC8C

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.



00C194



D68CEC



A3B03F

Square

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



D68CEC



F88B5A



65BB61



00BDF6

Rectangle

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



D68CEC



FF7999



65BB61



00C2B8

Sweetspot

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



D68CEC



F8E0FF



8CA2EC



7B6E80



000000



808080

Same Dimension

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



D68CEC



E282FF



EC8CD2



736A75



8C00B5



290036

Inverse Universe

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



EC8CA2



FF829F



8CECA6



756A6C



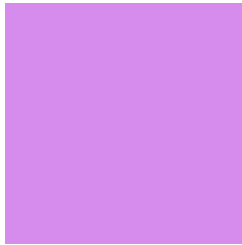
B50029



36000C

Previews

White Background



This preview shows how the Hex color D68CEC looks on a white background.

Color Contrast Check

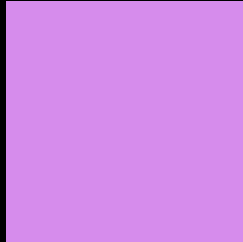
Large Text (above 18pt) WCAG AA × Fail

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 D68CEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

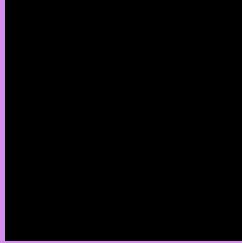
Any Text WCAG AA ✓ Pass

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 D68CEC Background



This preview shows how black text looks on a background with the Hex color D68CEC.

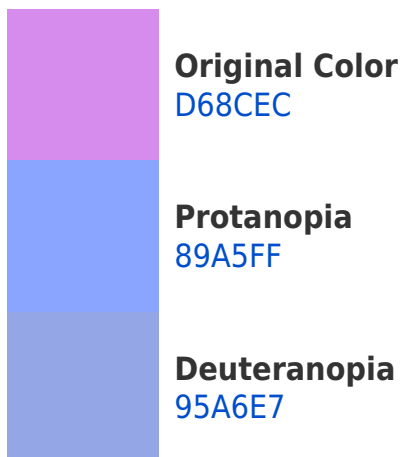


This preview shows how white text looks on a background with the Hex color D68CEC.

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



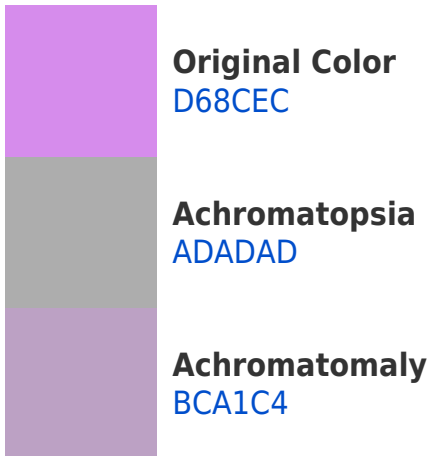


Tritanopia
CC9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D68CEC 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 #D68CEC looks like.

```
.text, #text, p{  
    color:#D68CEC  
}
```

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 #D68CEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68CEC
}
```

Border

The CSS property to change the border of an element to Hex D68CEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

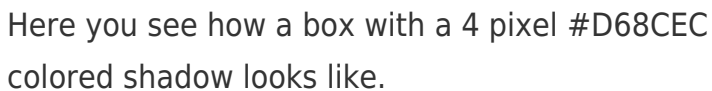
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D68CEC }
```

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

```
.border{ border-color:#D68CEC }
```

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



Here you see how a box with a 4 pixel #D68CEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68CEC; -webkit-box-shadow:4px 4px  
4px 4px #D68CEC; box-shadow:4px 4px 4px  
4px #D68CEC }
```

Background

The CSS property to change the background color of an element to Hex D68CEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68CEC }
```

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

```
.background{ background-color:#D68CEC }
```

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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