

Converting Colors

Hex(D67EEC)

Have a look what the booklet for
Hex(D67EEC) contains.

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Color

Hex(D67EEC)

Conversions

Conversions Part 1

Format	Color
Hex	D67EEC
RGB	214, 126, 236
RGB Percent	84%, 49%, 93%
CMY	0.1608, 0.5059, 0.0745
CMYK	0.09, 0.47, 0.00, 0.07
HSL	288°, 74%, 71%
HSV	288°, 47%, 93%
XYZ	50.3327, 35.2740, 83.5126
YIQ	164.8520, 17.1380, 52.8660

Conversions

Conversions Part 2

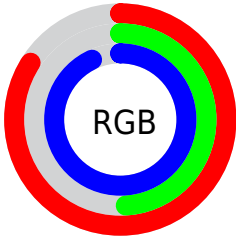
Format	Color
RYB	214, 126, 236
Decimal	14057196
CIELab	65.96, 51.24, -41.76
CIELCh	66, 66.102, 320.819
Yxy	35.2740, 0.2976, 0.2086
Android (android.graphics.Color)	4292247276 (0xFFD67EEC)
YUV	164.8520, 35.0760, 43.1028
Hunter-Lab	59.3919, 47.3372, -41.7950

Details

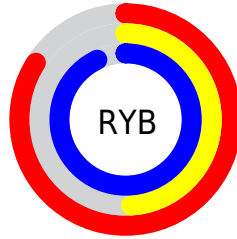
The Hex color **D67EEC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **94EC7E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB5FF**, and **9D49B4** is the 20% darker color. If you saturate the color by 10%, you get **D166EC**, and if you desaturate by 10%, it is **DB96EC**.

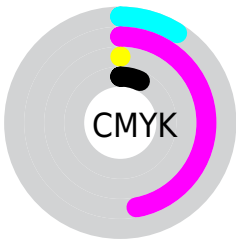
Distribution



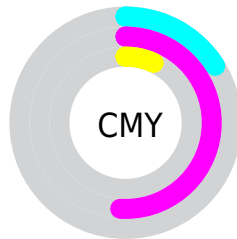
- Red (84%)
- Green (49%)
- Blue (93%)



- Red (84%)
- Yellow (49%)
- Blue (93%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (51%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D67EEC 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 D67EEC by changing the saturation by 10% instead.

 D67EEC

 D67EEC

FFFFFF

 B963D0

 FFB5FF

 9D49B4

 FFD1FF

 822E99

 FFEEFF

 67107E

 4C0065

 32004C

 1A0035

 00021E

 000001

 D67EEC

 D67EEC

 D166EC

 DB96EC

 CD4FEC

 DFADEC

 C837EC

 E4C5EC

 C320EC

 E9DCEC

 BE08EC

 EEF4EC

 BD00EC

 F2FFEC

 F7FFEC

 FCFECC

 FFFFEC

Harmonies

Analogous

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



7E98FF



D67EEC



FF69B5

Triad

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



D67EEC



CE971C



00BCC9

Complementary

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



D67EEC



94EC7E

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.



00BB8B



D67EEC



97AA21

Square

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



D67EEC



F77F45



4BB551



00B8FB

Rectangle

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



D67EEC



FF678D



4BB551



00BCB5

Sweetspot

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



D67EEC



F8DBFF



7E94EC



7B6A80



000000



808080

Same Dimension

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



D67EEC



E270FF



EC7ECB



736A75



9100B5



2B0036

Inverse Universe

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



EC7E94



FF708D



7EEC9F



756A6C



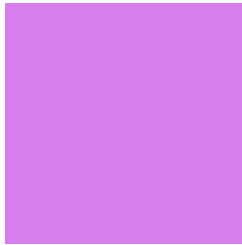
B50024



36000B

Previews

White Background



This preview shows how the Hex color D67EEC 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



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 D67EEC Background



This preview shows how black text looks on a background with the Hex color D67EEC.

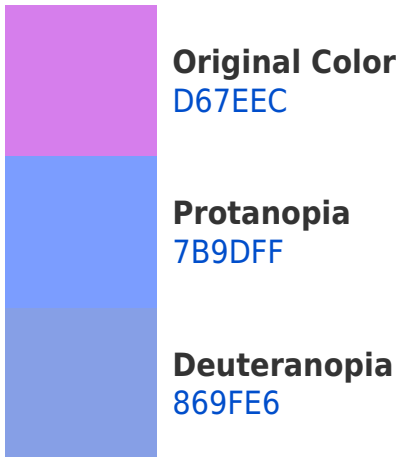



This preview shows how white text looks on a background with the Hex color D67EEC.

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
CB919C

Trichromacy



Original Color
D67EEC



Protanomaly
9C92F8



Deuteranomaly
A393E8



Tritanomaly
CF8AB9

Monochromacy



Original Color
D67EEC



Achromatopsia
A5A5A5



Achromatomaly
B797BF

CSS Examples

Text

The CSS property to change the color of the text to Hex D67EEC 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 #D67EEC looks like.

```
.text, #text, p{  
    color:#D67EEC  
}
```

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 #D67EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D67EEC
}
```

Border

The CSS property to change the border of an element to Hex D67EEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

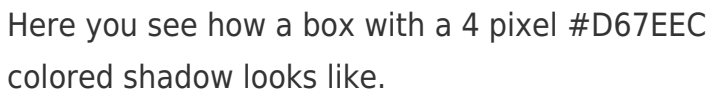
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D67EEC }
```

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

```
.border{ border-color:#D67EEC }
```

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



Here you see how a box with a 4 pixel #D67EEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D67EEC; -webkit-box-shadow:4px 4px  
4px 4px #D67EEC; box-shadow:4px 4px 4px  
4px #D67EEC }
```

Background

The CSS property to change the background color of an element to Hex D67EEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D67EEC }
```

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

```
.background{ background-color:#D67EEC }
```

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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