

Converting Colors

Hex(D09ECF)

Have a look what the booklet for
Hex(D09ECF) contains.

Hex(D09ECF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D09ECF)

Conversions

Conversions Part 1

Format	Color
Hex	D09ECF
RGB	208, 158, 207
RGB Percent	82%, 62%, 81%
CMY	0.1843, 0.3804, 0.1882
CMYK	0.00, 0.24, 0.00, 0.18
HSL	301°, 35%, 72%
HSV	301°, 24%, 82%
XYZ	49.5018, 42.3686, 64.6004
YIQ	178.5360, 14.0710, 25.8390

Conversions

Conversions Part 2

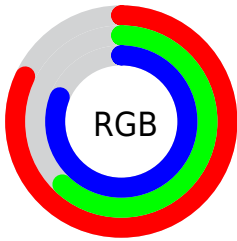
Format	Color
R_{YB}	208, 158, 207
Decimal	13672143
CIE _{Lab}	71.12, 26.75, -17.84
CIE _{LCh}	71, 32.151, 326.293
Yxy	42.3686, 0.3164, 0.2708
Android (android.graphics.Color)	4291862223 (0xFFD09ECF)
YUV	178.5360, 14.0328, 25.8399
Hunter-Lab	65.0912, 21.8395, -13.2792

Details

The Hex color **D09ECF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9ED09F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD5FF**, and **996A99** is the 20% darker color. If you saturate the color by 10%, you get **D089CF**, and if you desaturate by 10%, it is **D0B3CF**.

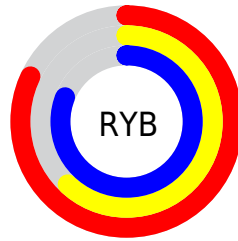
Distribution



Red (82%)

Green (62%)

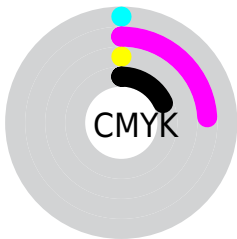
Blue (81%)



Red (82%)

Yellow (62%)

Blue (81%)

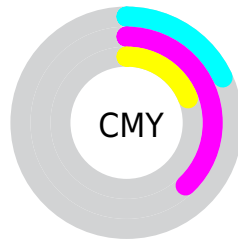


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color D09ECF 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 D09ECF by changing the saturation by 10% instead.

 D09ECF

 D09ECF

FFFFFF

 B484B3

 FFD5FF

 996A99

 FFF2FF

 7F517F

 653A65

 4C234D

 350C36

 220021

 000006

 000000

 D09ECF

 D09ECF

 D089CF

 D0B3CF

 D074CE

 D0C8D0

 D060CE

 D0DCD0

 D04BCD

 D0F1D1

 D036CD

 D0FFD1

 D021CD

 D0FFD2

 D00CCC

 D0FFD3

 D000CC

Harmonies

Analogous

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



ADA8E2



D09ECF



E498B3

Triad

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



D09ECF



C6AB74



4DBEC7

Complementary

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



D09ECF



9ED09F

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.



64BEA9



D09ECF



A8B479

Square

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



D09ECF



DDA17E



86BB8D



59BADE

Rectangle

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



D09ECF



E9989F



86BB8D



52BEBD

Sweetspot

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



D09ECF



FFEDFF



9F9ED0



80757F



000000



808080

Same Dimension

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



D09ECF



FFB5FE



D09EB6



695E68



A800A5



290028

Inverse Universe

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



D09ECF



FFB5FE



9ED0B8



695E68



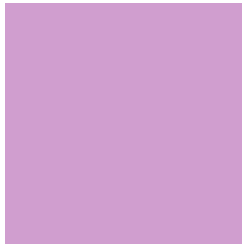
A800A5



290028

Previews

White Background



This preview shows how the Hex color D09ECF looks on a white background.

Color Contrast Check

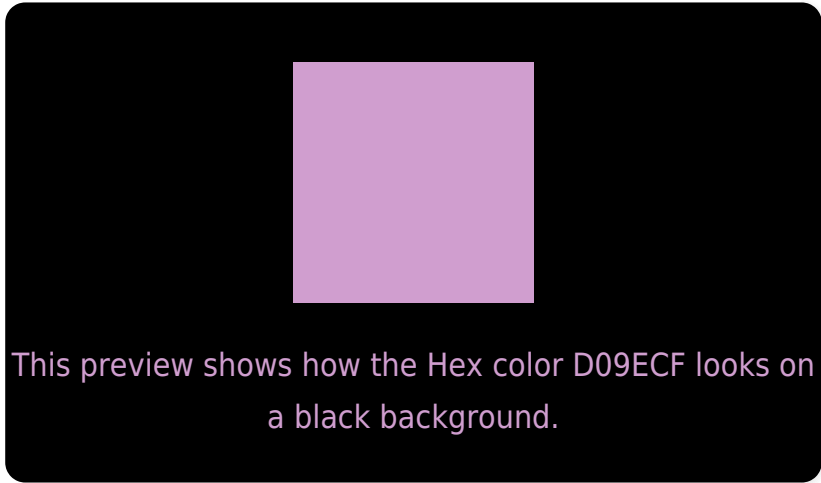
Large Text (above 18pt) WCAG AA × Fail

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 D09ECF Background



This preview shows how black text looks on a background with the Hex color D09ECF.

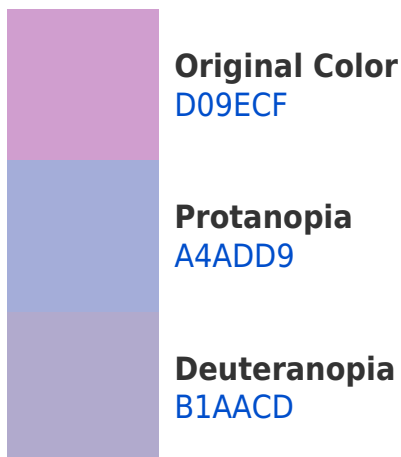



This preview shows how white text looks on a background with the Hex color D09ECF.

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](#).

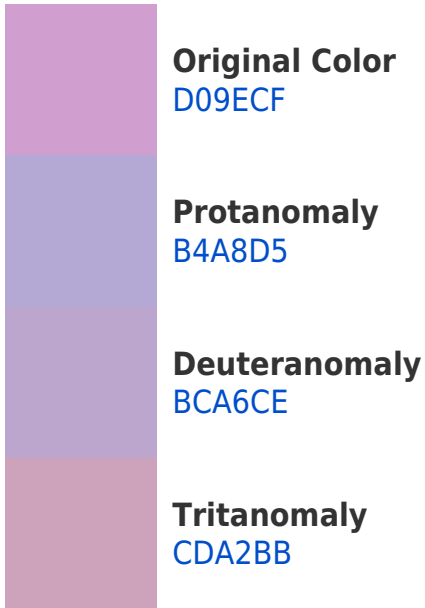
Dichromacy





Tritanopia
CCA4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D09ECF 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 #D09ECF looks like.

```
.text, #text, p{  
    color:#D09ECF  
}
```

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 #D09ECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09ECF
}
```

Border

The CSS property to change the border of an element to Hex D09ECF is called "border". The border property can be set on classes, ids or directly on the HTML element.

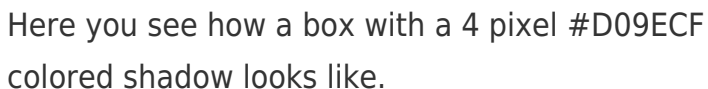
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D09ECF }
```

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

```
.border{ border-color:#D09ECF }
```

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



Here you see how a box with a 4 pixel `#D09ECF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09ECF; -webkit-box-shadow:4px 4px  
4px 4px #D09ECF; box-shadow:4px 4px 4px  
4px #D09ECF }
```

Background

The CSS property to change the background color of an element to Hex D09ECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09ECF }
```

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

```
.background{ background-color:#D09ECF }
```

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