

Converting Colors

Hex(D09BE7)

Have a look what the booklet for
Hex(D09BE7) contains.

Hex(D09BE7)	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(D09BE7)

Conversions

Conversions Part 1

Format	Color
Hex	D09BE7
RGB	208, 155, 231
RGB Percent	82%, 61%, 91%
CMY	0.1843, 0.3922, 0.0941
CMYK	0.10, 0.33, 0.00, 0.09
HSL	282°, 61%, 76%
HSV	282°, 33%, 91%
XYZ	52.1576, 42.6221, 81.0792
YIQ	179.5110, 7.1920, 34.8720

Conversions

Conversions Part 2

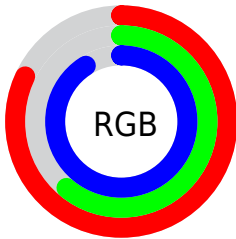
Format	Color
RYB	208, 155, 231
Decimal	13671399
CIELab	71.30, 33.07, -30.77
CIELCh	71, 45.166, 317.066
Yxy	42.6221, 0.2966, 0.2424
Android (android.graphics.Color)	4291861479 (0xFFD09BE7)
YUV	179.5110, 25.3841, 24.9849
Hunter-Lab	65.2856, 28.3563, -27.9332

Details

The Hex color **D09BE7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B2E79B**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD2FF**, and **9967AF** is the 20% darker color. If you saturate the color by 10%, you get **C984E7**, and if you desaturate by 10%, it is **D7B2E7**.

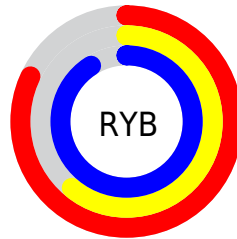
Distribution



Red (82%)

Green (61%)

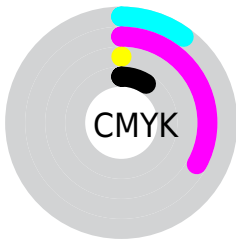
Blue (91%)



Red (82%)

Yellow (61%)

Blue (91%)

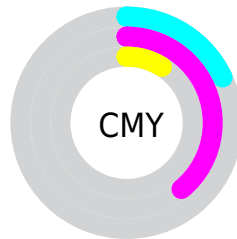


Cyan (10%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (18%)

Magenta (39%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color D09BE7 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 D09BE7 by changing the saturation by 10% instead.

 D09BE7

 D09BE7

FFFFFF

 B481CB

 FFD2FF

 9967AF

 FFEFFF

 7E4E94

 64367A

 4B1F61

 320649

 1F0032

 00021C

 000000

 D09BE7

 D09BE7

 C984E7

 D7B2E7

 C26DE7

 DEC9E7

 BB56E7

 E5E0E7

 B43FE7

 ECF7E7

 AD27E7

 F3FFE7

 A610E7

 FAFFE7

 A100E7

 FFFFE7

Harmonies

Analogous

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



97ABFD



D09BE7



F38FC2

Triad

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



D09BE7



D8A65E



00C4C5

Complementary

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



D09BE7



B2E79B

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.



46C39B



D09BE7



B1B45E

Square

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



D09BE7



F39874



82BD75



00C1EA

Rectangle

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



D09BE7



FD8DA6



82BD75



00C4B7

Sweetspot

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



D09BE7



F7E6FF



9BB3E7



7B7080



000000



808080

Same Dimension

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



D09BE7



E19CFF



E79BD9



6F6773



7C00B3



240033

Inverse Universe

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



E79BB2



FF9CBA



9BE7A9



73676B



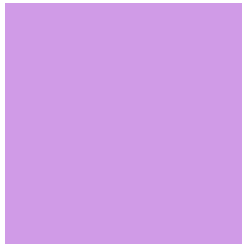
B30036



33000F

Previews

White Background



This preview shows how the Hex color D09BE7 looks on a white background.

Color Contrast Check

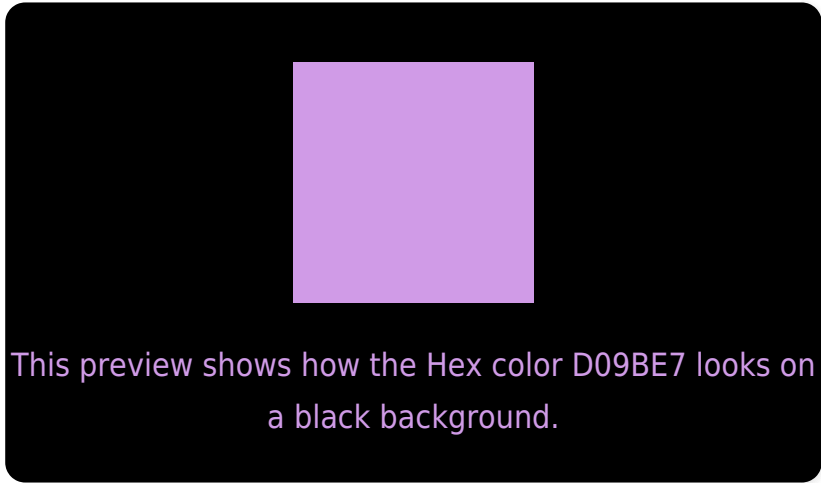
Large Text (above 18pt) WCAG AA × Fail

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 D09BE7 Background



This preview shows how black text looks on a background with the Hex color D09BE7.

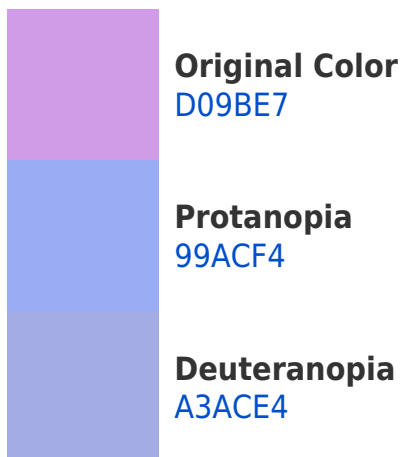


This preview shows how white text looks on a background with the Hex color D09BE7.

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](#).

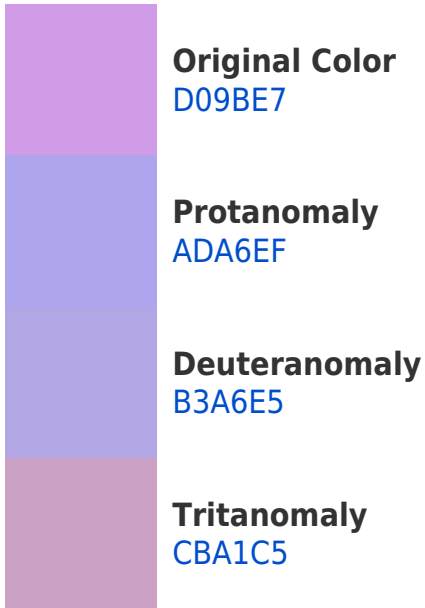
Dichromacy





Tritanopia
C8A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D09BE7 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 #D09BE7 looks like.

```
.text, #text, p{  
    color:#D09BE7  
}
```

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 #D09BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09BE7  
}
```

Border

The CSS property to change the border of an element to Hex D09BE7 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  
#D09BE7 }
```

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

```
.border{ border-color:#D09BE7 }
```

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

Here you see how a box with a 4 pixel #D09BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09BE7; -webkit-box-shadow:4px 4px  
4px 4px #D09BE7; box-shadow:4px 4px 4px  
4px #D09BE7 }
```

Background

The CSS property to change the background color of an element to Hex D09BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09BE7 }
```

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

```
.background{ background-color:#D09BE7 }
```

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