

Converting Colors

Hex(D09CBE)

Have a look what the booklet for
Hex(D09CBE) contains.

Hex(D09CBE)	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(D09CBE)

Conversions

Conversions Part 1

Format	Color
Hex	D09CBE
RGB	208, 156, 190
RGB Percent	82%, 61%, 75%
CMY	0.1843, 0.3882, 0.2549
CMYK	0.00, 0.25, 0.09, 0.18
HSL	321°, 36%, 71%
HSV	321°, 25%, 82%
XYZ	47.1952, 40.9045, 54.1231
YIQ	175.4240, 20.0780, 21.5980

Conversions

Conversions Part 2

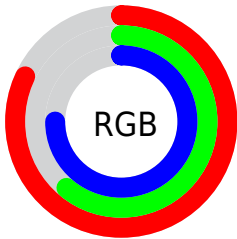
Format	Color
R _Y B	208, 156, 190
Decimal	13671614
CIE Lab	70.11, 24.77, -9.97
CIE LCh	70, 26.704, 338.086
Yxy	40.9045, 0.3318, 0.2876
Android (android.graphics.Color)	4291861694 (0xFFD09CBE)
YUV	175.4240, 7.1860, 28.5692
Hunter-Lab	63.9567, 19.7953, -5.4043

Details

The Hex color **D09CBE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9CD0AE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD3F6**, and **996889** is the 20% darker color. If you saturate the color by 10%, you get **D087B7**, and if you desaturate by 10%, it is **D0B1C5**.

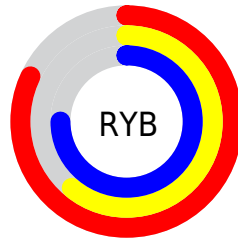
Distribution



Red (82%)

Green (61%)

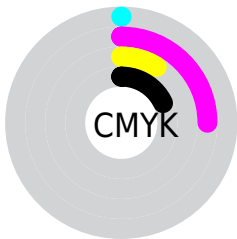
Blue (75%)



Red (82%)

Yellow (61%)

Blue (75%)

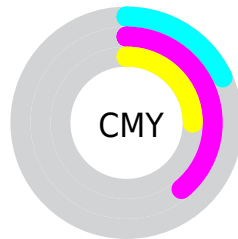


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (18%)



Cyan (18%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color D09CBE 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 D09CBE by changing the saturation by 10% instead.

 D09CBE

 D09CBE

FFFFFF

 B482A3

 FFD3F6

 996889

 FFEFFF

 7F506F

 653857

 4C2140

 350B2A

 220016

 000000

 D09CBE

 D09CBE

 D087B7

 D0B1C5

 D072B0

 D0C6CC

 D05EA8

 D0DAD4

 D049A1

 D0EFDB

 D0349A

 D0FFE2

 D01F93

 D0FFE9

 D00A8C

 D0FFF0

 D00088

 D0FFF8

 D0FFFF

Harmonies

Analogous

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



B7A3D2



D09CBE



DC9AA6

Triad

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



D09CBE



B6AC7B



63B7C8

Complementary

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



D09CBE



9CD0AE

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.



69B9B1



D09CBE



9CB385

Square

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



D09CBE



CCA47F



80B799



75B3D8

Rectangle

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



D09CBE



DC9B96



80B799



62B8C1

Sweetspot

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



D09CBE



FFEBF8



AD9CD0



80737B



000000



808080

Same Dimension

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



D09CBE



FFB3E5



D09CA5



695E65



A8006E



29001B

Inverse Universe

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



D09CBE



FFB3E5



9CD0C7



695E65



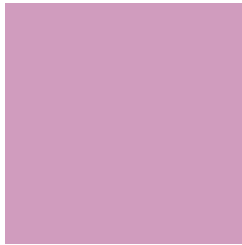
A8006E



29001B

Previews

White Background



This preview shows how the Hex color D09CBE looks on a white background.

Color Contrast Check

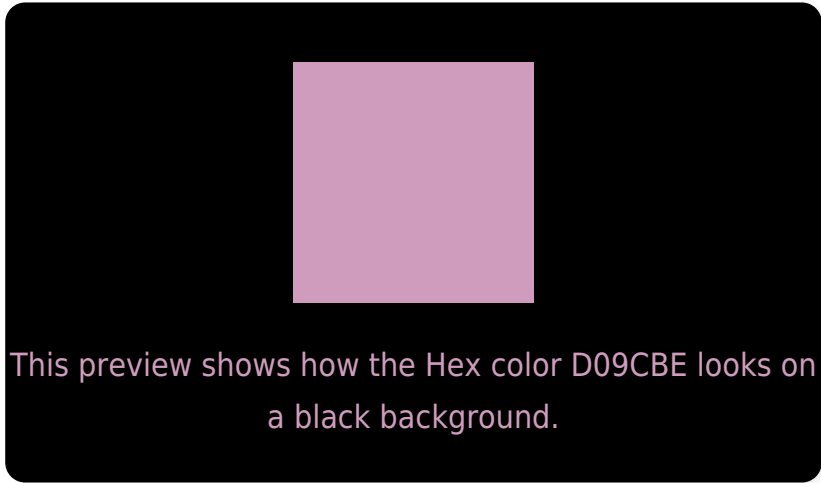
Large Text (above 18pt) WCAG AA × Fail

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

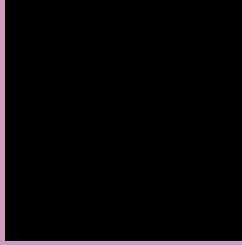
Any Text WCAG AA ✓ Pass

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 D09CBE Background



This preview shows how black text looks on a background with the Hex color D09CBE.

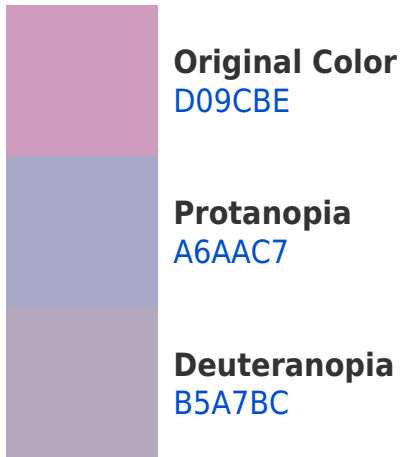


This preview shows how white text looks on a background with the Hex color D09CBE.

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
D09CBE

Protanomaly
B5A5C4

Deuteranomaly
BFA3BD

Tritanomaly
CF9EB3

Monochromacy



Original Color
D09CBE

Achromatopsia
AFAFAF

Achromatomaly
BBA8B4

CSS Examples

Text

The CSS property to change the color of the text to Hex D09CBE 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 #D09CBE looks like.

```
.text, #text, p{  
    color:#D09CBE  
}
```

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 #D09CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09CBE
}
```

Border

The CSS property to change the border of an element to Hex D09CBE 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
#D09CBE }
```

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

```
.border{ border-color:#D09CBE }
```

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

Here you see how a box with a 4 pixel #D09CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09CBE; -webkit-box-shadow:4px 4px  
4px 4px #D09CBE; box-shadow:4px 4px 4px  
4px #D09CBE }
```

Background

The CSS property to change the background color of an element to Hex D09CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09CBE }
```

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

```
.background{ background-color:#D09CBE }
```

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