

Converting Colors

Hex(D9CAE0)

Have a look what the booklet for
Hex(D9CAE0) contains.

Hex(D9CAE0)	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(D9CAE0)

Conversions

Conversions Part 1

Format	Color
Hex	D9CAE0
RGB	217, 202, 224
RGB Percent	85%, 79%, 88%
CMY	0.1490, 0.2078, 0.1216
CMYK	0.03, 0.10, 0.00, 0.12
HSL	281°, 26%, 84%
HSV	281°, 10%, 88%
XYZ	63.1903, 62.3746, 79.2300
YIQ	208.9930, 1.8780, 10.0220

Conversions

Conversions Part 2

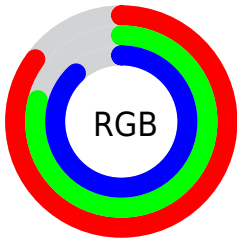
Format	Color
R _Y B	217, 202, 224
Decimal	14273248
CIE Lab	83.11, 9.18, -9.01
CIE LCh	83, 12.862, 315.551
Yxy	62.3746, 0.3086, 0.3046
Android (android.graphics.Color)	4292463328 (0xFFD9CAE0)
YUV	208.9930, 7.3985, 7.0221
Hunter-Lab	78.9776, 4.6079, -4.1952

Details

The Hex color **D9CAE0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D1E0CA**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFFF**, and **A294A9** is the 20% darker color. If you saturate the color by 10%, you get **D2B4E0**, and if you desaturate by 10%, it is **E0E0E0**.

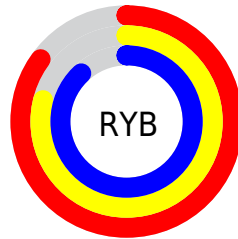
Distribution



Red (85%)

Green (79%)

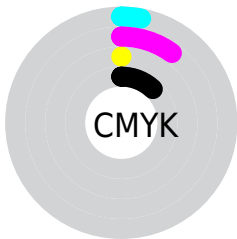
Blue (88%)



Red (85%)

Yellow (79%)

Blue (88%)

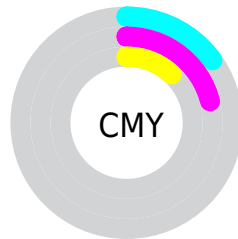


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (12%)



Cyan (15%)

Magenta (21%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9CAE0 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 D9CAE0 by changing the saturation by 10% instead.

 D9CAE0

FFFFFF

 D9CAE0

 BDAFC4

 A294A9

 887A8E

 6E6175

 564A5C

 3F3345

 291E2E

 15051A

 000000

 D9CAE0

 D9CAE0

 D2B4E0

 E0E0E0

 CB9DE0

 E7F7E0

 C487E0

 EEFFE0

 BC70E0

 F6FFE0

 B55AE0

 FDFFE0

 AE44E0

 FFFFE0

 A72DE0

 A017E0

 9900E0

Harmonies

Analogous

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



CACEE6



D9CAE0



E4C7D5

Triad

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



D9CAE0



DFCCB8



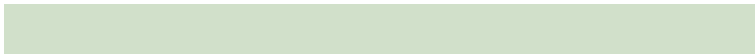
B1D6D5

Complementary

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



D9CAE0



D1E0CA

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.



B8D6C9



D9CAE0



D2D0B8

Square

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



D9CAE0



E7C9BE



C4D4BE



B2D5E0

Rectangle

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



D9CAE0



E8C7CD



C4D4BE



B3D6D1

Sweetspot

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



D9CAE0



FDF7FF



CAD1E0



7E7A80



000000



808080

Same Dimension

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



D9CAE0



F5E0FF



E0CADC



6D6570



7800B0



210030

Inverse Universe

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



E0CAD1



FFE0EA



CAE0CE



706569



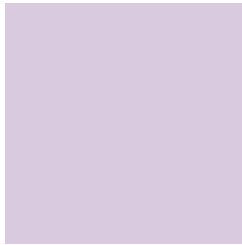
B00038



30000F

Previews

White Background



This preview shows how the Hex color D9CAE0 looks on a white background.

Color Contrast Check

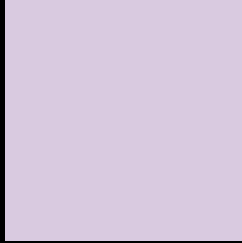
Large Text (above 18pt) WCAG AA × Fail

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 D9CAE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

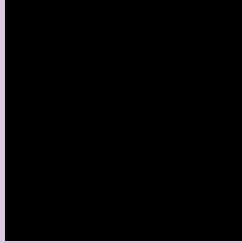
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

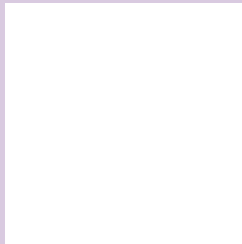
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D9CAE0 Background



This preview shows how black text looks on a background with the Hex color D9CAE0.

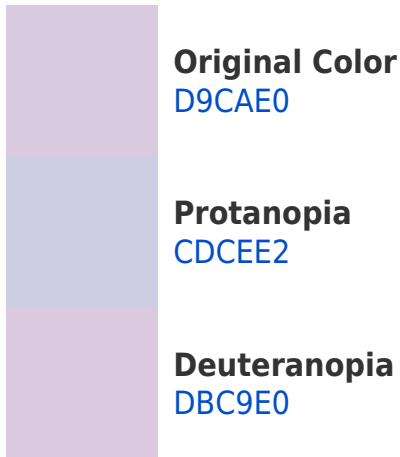


This preview shows how white text looks on a background with the Hex color D9CAE0.

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
D8CBDB

Trichromacy



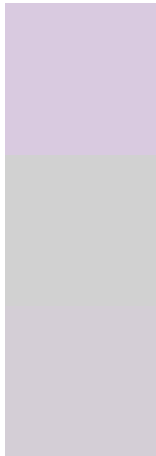
Original Color
D9CAE0

Protanomaly
D1CDE1

Deuteranomaly
DAC9E0

Tritanomaly
D8CBDD

Monochromacy



Original Color
D9CAE0

Achromatopsia
D1D1D1

Achromatomaly
D4CED6

CSS Examples

Text

The CSS property to change the color of the text to Hex D9CAE0 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 #D9CAE0 looks like.

```
.text, #text, p{  
    color:#D9CAE0  
}
```

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 #D9CAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9CAE0
}
```

Border

The CSS property to change the border of an element to Hex D9CAE0 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
#D9CAE0 }
```

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

```
.border{ border-color:#D9CAE0 }
```

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

Here you see how a box with a 4 pixel #D9CAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9CAE0; -webkit-box-shadow:4px 4px  
4px 4px #D9CAE0; box-shadow:4px 4px 4px  
4px #D9CAE0 }
```

Background

The CSS property to change the background color of an element to Hex D9CAE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9CAE0 }
```

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

```
.background{ background-color:#D9CAE0 }
```

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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