

# Converting Colors

Hex(D3CAE7)

Have a look what the booklet for  
Hex(D3CAE7) contains.

<b>Hex(D3CAE7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D3CAE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3CAE7
RGB	211, 202, 231
RGB Percent	83%, 79%, 91%
CMY	0.1725, 0.2078, 0.0941
CMYK	0.09, 0.13, 0.00, 0.09
HSL	259°, 38%, 85%
HSV	259°, 13%, 91%
XYZ	62.4083, 61.8595, 84.2521
YIQ	207.9970, -3.9450, 10.9270

# Conversions

## Conversions Part 2

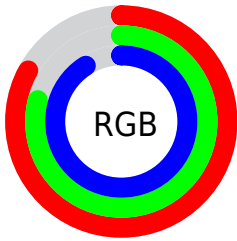
Format	Color
R <sub>Y</sub> B	211, 202, 231
Decimal	13880039
CIE Lab	82.84, 8.55, -13.20
CIE LCh	83, 15.730, 302.938
Yxy	61.8595, 0.2993, 0.2967
Android (android.graphics.Color)	4292070119 (0xFFD3CAE7)
YUV	207.9970, 11.3405, 2.6336
Hunter-Lab	78.6508, 3.9984, -8.4569

# Details

The Hex color **D3CAE7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DEE7CA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFFF**, and **9C94AF** is the 20% darker color. If you saturate the color by 10%, you get **C3B3E7**, and if you desaturate by 10%, it is **E3E1E7**.

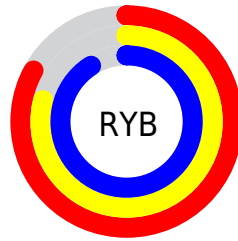
# Distribution



Red (83%)

Green (79%)

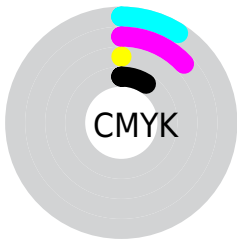
Blue (91%)



Red (83%)

Yellow (79%)

Blue (91%)

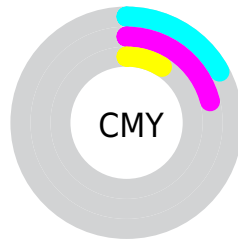


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (17%)

Magenta (21%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3CAE7 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 D3CAE7 by changing the saturation by 10% instead.



 D3CAE7

FFFFFF

 D3CAE7

 B7AFCB

 9C94AF

 827A95

 69617B

 514A62

 39334A

 241E33

 10051F

 000002

 D3CAE7

 D3CAE7

 C3B3E7

 E3E1E7

 B39CE7

 F3F8E7

 A385E7

 FFFFE7

 936EE7

 8356E7

 733FE7

 6328E7

 5411E7

 4800E7

# Harmonies

## Analogous

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



C0CFEB



D3CAE7



E3C6DC

# Triad

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



D3CAE7



E6C9B4



ACD7CF

# Complementary

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



D3CAE7



DEE7CA

# 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.



B8D6C0



D3CAE7



D9CEB1

# Square

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



D3CAE7



EDC5BF



C8D2B5



A8D6DE

# Rectangle

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



D3CAE7



EAC4D2



C8D2B5



AFD7CA



# Sweetspot

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



D3CAE7



F8F5FF



CADEE7



7B7980



000000



808080



# Same Dimension

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



D3CAE7



E5D9FF



E1CAE7



6B6773



3700B3



100033



# Inverse Universe

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



E7CADE



FFD9F3



D0E7CA



73676F



B3007B

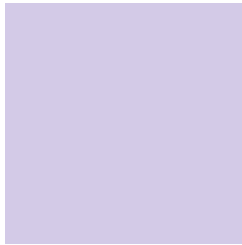


330023



# Previews

## White Background



This preview shows how the Hex color D3CAE7 looks on a white background.

## Color Contrast Check

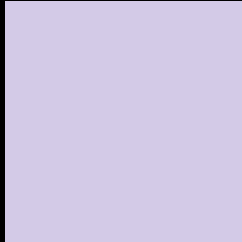
Large Text (above 18pt) WCAG AA × Fail

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 D3CAE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

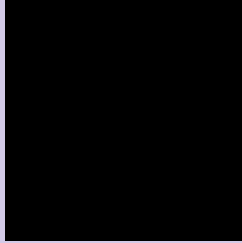
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3CAE7 Background



This preview shows how black text looks on a background with the Hex color D3CAE7.

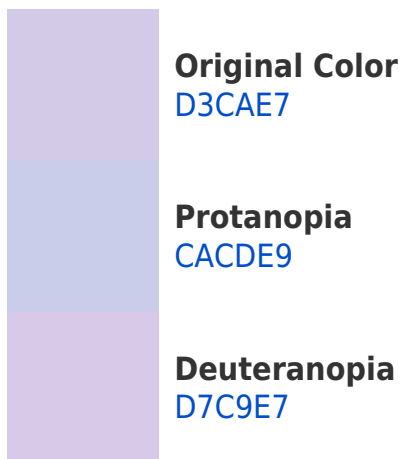


This preview shows how white text looks on a background with the Hex color D3CAE7.

# 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**  
D3CAE7

**Protanomaly**  
CDCCE8

**Deuteranomaly**  
D6C9E7

**Tritanomaly**  
D2CBE0

# Monochromacy



**Original Color**  
D3CAE7

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
D1CED8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3CAE7 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 #D3CAE7 looks like.

```
.text, #text, p{  
    color:#D3CAE7  
}
```

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 #D3CAE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3CAE7
}
```

## Border

The CSS property to change the border of an element to Hex D3CAE7 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
#D3CAE7 }
```

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

```
.border{ border-color:#D3CAE7 }
```

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

Here you see how a box with a 4 pixel #D3CAE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3CAE7; -webkit-box-shadow:4px 4px  
4px 4px #D3CAE7; box-shadow:4px 4px 4px  
4px #D3CAE7 }
```

# Background

The CSS property to change the background color of an element to Hex D3CAE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3CAE7 }
```

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

```
.background{ background-color:#D3CAE7 }
```

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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