

Converting Colors

Hex(D5CAEE)

Have a look what the booklet for
Hex(D5CAEE) contains.

Hex(D5CAEE)	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(D5CAEE)

Conversions

Conversions Part 1

Format	Color
Hex	D5CAEE
RGB	213, 202, 238
RGB Percent	84%, 79%, 93%
CMY	0.1647, 0.2078, 0.0667
CMYK	0.11, 0.15, 0.00, 0.07
HSL	258°, 51%, 86%
HSV	258°, 15%, 93%
XYZ	63.9937, 62.5602, 89.5914
YIQ	209.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

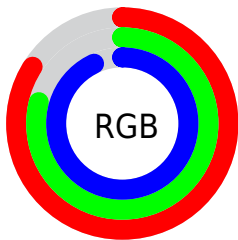
Format	Color
R _Y B	213, 202, 238
Decimal	14011118
CIE Lab	83.21, 10.60, -16.36
CIE LCh	83, 19.494, 302.939
Yxy	62.5602, 0.2961, 0.2894
Android (android.graphics.Color)	4292201198 (0xFFD5CAEE)
YUV	209.3930, 14.1033, 3.1633
Hunter-Lab	79.0950, 6.0034, -11.7916

Details

The Hex color **D5CAEE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3EECA**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFFF**, and **9E94B6** is the 20% darker color. If you saturate the color by 10%, you get **C4B2EE**, and if you desaturate by 10%, it is **E6E2EE**.

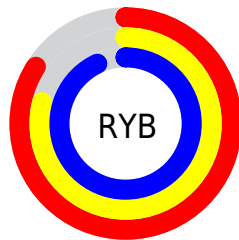
Distribution



Red (84%)

Green (79%)

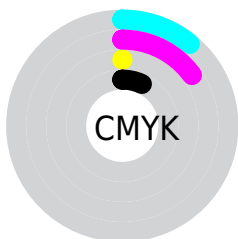
Blue (93%)



Red (84%)

Yellow (79%)

Blue (93%)

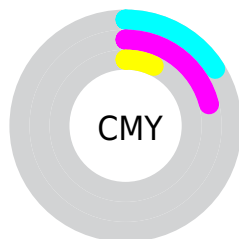


Cyan (11%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (16%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5CAEE 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 D5CAEE by changing the saturation by 10% instead.

 D5CAEE

FFFFFF

 D5CAEE

 B9AFD2

 9E94B6

 847A9B

 6B6181

 524A68

 3B3350

 241E39

 110523

 00000B

 D5CAEE

 D5CAEE

 C4B2EE

 E6E2EE

 B49AEE

 F6FAEE

 A383EE

 FFFFEE

 936BEE

 8253EE

 723BEE

 6123EE

 510CEE

 4900EE

Harmonies

Analogous

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



BDD0F4



D5CAEE



E9C5E0

Triad

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



D5CAEE



ECC9AF



A3DAD0

Complementary

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



D5CAEE



E3EECA

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.



B3D8BE



D5CAEE



DCCFAB

Square

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



D5CAEE



F5C4BC



C7D4B0



9FD9E2

Rectangle

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



D5CAEE



F2C3D4



C7D4B0



A8DACA

Sweetspot

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



D5CAEE



F6F2FF



CAE3EE



7A7880



000000



808080

Same Dimension

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



D5CAEE



DFD1FF



E7CAEE



706C78



3800B8



110038

Inverse Universe

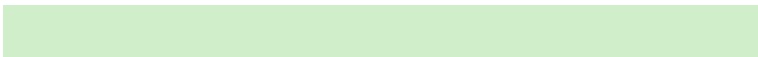
The Inverse Universe completely reimagines the original color for something new.



EECAE3



FFD1F1



D1EECA



786C74



B8007F



380027

Previews

White Background



This preview shows how the Hex color D5CAEE looks on a white background.

Color Contrast Check

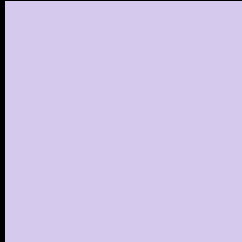
Large Text (above 18pt) WCAG AA × Fail

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 D5CAEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

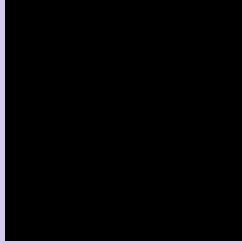
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

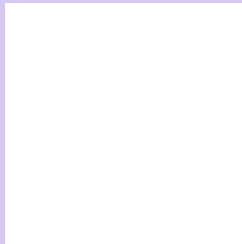
Any Text WCAG AAA ✓ Pass

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

Hex D5CAEE Background



This preview shows how black text looks on a background with the Hex color D5CAEE.

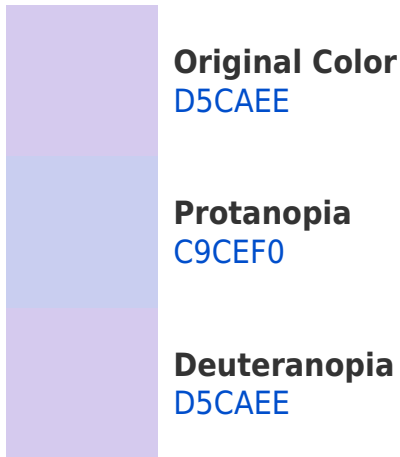


This preview shows how white text looks on a background with the Hex color D5CAEE.

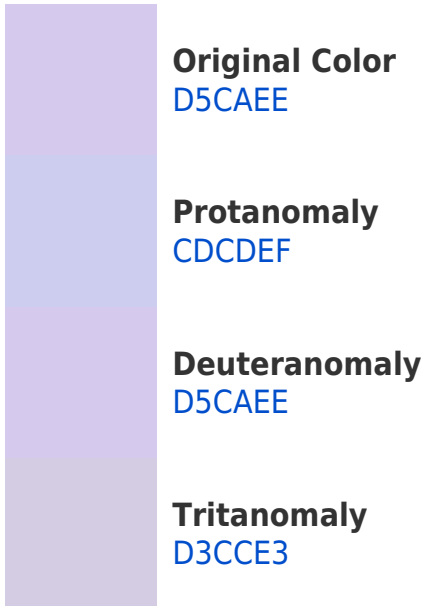
Color Blindness Simulation

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](#).

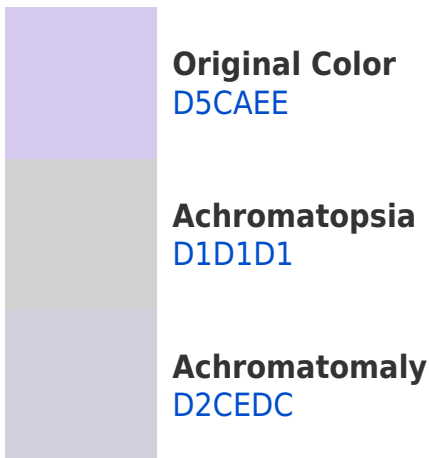
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5CAEE 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 #D5CAEE looks like.

```
.text, #text, p{  
    color:#D5CAEE  
}
```

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 #D5CAEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5CAEE
}
```

Border

The CSS property to change the border of an element to Hex D5CAEE 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
#D5CAEE }
```

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

```
.border{ border-color:#D5CAEE }
```

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

Here you see how a box with a 4 pixel #D5CAEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5CAEE; -webkit-box-shadow:4px 4px  
4px 4px #D5CAEE; box-shadow:4px 4px 4px  
4px #D5CAEE }
```

Background

The CSS property to change the background color of an element to Hex D5CAEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5CAEE }
```

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

```
.background{ background-color:#D5CAEE }
```

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