

Converting Colors

Hex(D6CAEF)

Have a look what the booklet for
Hex(D6CAEF) contains.

Hex(D6CAEF)	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(D6CAEF)

Conversions

Conversions Part 1

Format	Color
Hex	D6CAEF
RGB	214, 202, 239
RGB Percent	84%, 79%, 94%
CMY	0.1608, 0.2078, 0.0627
CMYK	0.10, 0.15, 0.00, 0.06
HSL	259°, 54%, 86%
HSV	259°, 15%, 94%
XYZ	64.4321, 62.7692, 90.3811
YIQ	209.8060, -4.7250, 14.0510

Conversions

Conversions Part 2

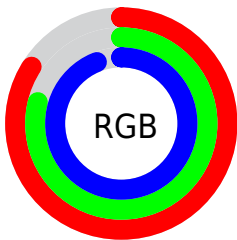
Format	Color
R _Y B	214, 202, 239
Decimal	14076655
CIE Lab	83.32, 11.12, -16.72
CIE LCh	83, 20.081, 303.634
Yxy	62.7692, 0.2961, 0.2885
Android (android.graphics.Color)	4292266735 (0xFFD6CAEF)
YUV	209.8060, 14.3926, 3.6781
Hunter-Lab	79.2270, 6.5194, -12.1783

Details

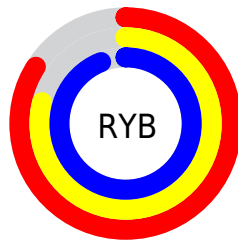
The Hex color **D6CAEF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3EFCA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **9F94B7** is the 20% darker color. If you saturate the color by 10%, you get **C6B2EF**, and if you desaturate by 10%, it is **E6E2EF**.

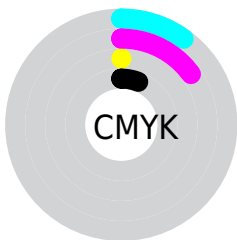
Distribution



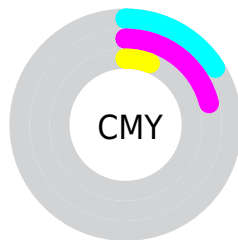
- Red (84%)
- Green (79%)
- Blue (94%)



- Red (84%)
- Yellow (79%)
- Blue (94%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6CAEF 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 D6CAEF by changing the saturation by 10% instead.

 D6CAEF

FFFFFF

 D6CAEF

 BAAFD3

 9F94B7

 857A9C

 6B6182

 534A69

 3B3351

 251E39

 120524

 00000C

 D6CAEF

 D6CAEF

 C6B2EF

 E6E2EF

 B69AEF

 F6FAEF

 A682EF

 FFFFEF

 956AEF

 8552EF

 753BEF

 6523EF

 550BEF

 4E00EF

Harmonies

Analogous

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



BDD0F5



D6CAEF



EAC5E1

Triad

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



D6CAEF



EDC9AE



A2DBD1

Complementary

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



D6CAEF



E3EFCA

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.



B2D9BE



D6CAEF



DCCFAA

Square

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



D6CAEF



F6C4BB



C7D5B0



9DDAE4

Rectangle

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



D6CAEF



F3C3D4



C7D5B0



A6DACB

Sweetspot

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



D6CAEF



F6F2FF



CAE3EF



7A7880



000000



808080

Same Dimension

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



D6CAEF



DECFFF



E8CAEF



706C78



3C00B8



120038

Inverse Universe

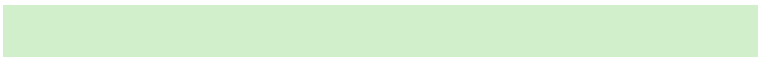
The Inverse Universe completely reimagines the original color for something new.



EFCAE3



FFCFEF



D1EFCA



786C74



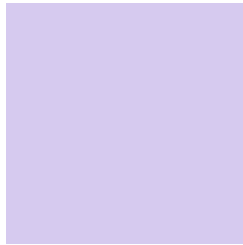
B8007C



380026

Previews

White Background



This preview shows how the Hex color D6CAEF looks on a white background.

Color Contrast Check

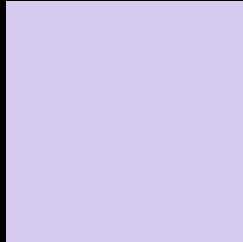
Large Text (above 18pt) WCAG AA × Fail

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 D6CAEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

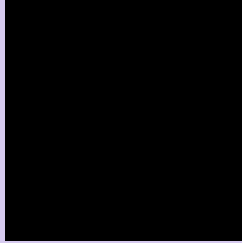
Any Text WCAG AA ✓ Pass

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 D6CAEF Background



This preview shows how black text looks on a background with the Hex color D6CAEF.

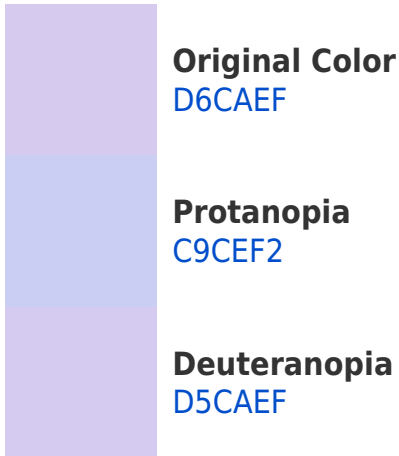


This preview shows how white text looks on a background with the Hex color D6CAEF.

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
D6CAEF

Protanomaly
CECDF1

Deuteranomaly
D5CAEF

Tritanomaly
D4CCE4

Monochromacy



Original Color
D6CAEF

Achromatopsia
D2D2D2

Achromatomaly
D3CFDD

CSS Examples

Text

The CSS property to change the color of the text to Hex D6CAEF 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 #D6CAEF looks like.

```
.text, #text, p{  
    color:#D6CAEF  
}
```

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 #D6CAEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6CAEF
}
```

Border

The CSS property to change the border of an element to Hex D6CAEF 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
#D6CAEF }
```

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

```
.border{ border-color:#D6CAEF }
```

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

Here you see how a box with a 4 pixel #D6CAEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6CAEF; -webkit-box-shadow:4px 4px  
4px 4px #D6CAEF; box-shadow:4px 4px 4px  
4px #D6CAEF }
```

Background

The CSS property to change the background color of an element to Hex D6CAEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6CAEF }
```

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

```
.background{ background-color:#D6CAEF }
```

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