

# Converting Colors

Hex(CAC6DD)

Have a look what the booklet for  
Hex(CAC6DD) contains.

<b>Hex(CAC6DD)</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(CAC6DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAC6DD
RGB	202, 198, 221
RGB Percent	79%, 78%, 87%
CMY	0.2078, 0.2235, 0.1333
CMYK	0.09, 0.10, 0.00, 0.13
HSL	250°, 25%, 82%
HSV	250°, 10%, 87%
XYZ	57.6023, 58.1652, 76.5976
YIQ	201.8180, -4.9990, 8.0010

# Conversions

## Conversions Part 2

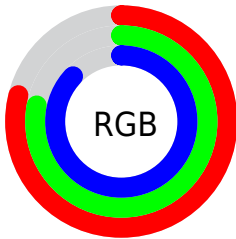
Format	Color
R <sub>Y</sub> B	202, 198, 221
Decimal	13289181
CIE Lab	80.83, 5.75, -10.93
CIE LCh	81, 12.348, 297.772
Yxy	58.1652, 0.2994, 0.3024
Android (android.graphics.Color)	4291479261 (0xFFCAC6DD)
YUV	201.8180, 9.4567, 0.1596
Hunter-Lab	76.2661, 1.3520, -6.1615

# Details

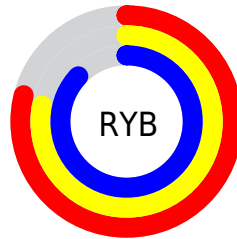
The Hex color **CAC6DD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9DDC6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFFF**, and **9490A6** is the 20% darker color. If you saturate the color by 10%, you get **B8B0DD**, and if you desaturate by 10%, it is **DCDCDD**.

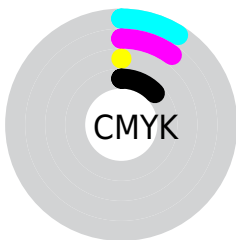
# Distribution



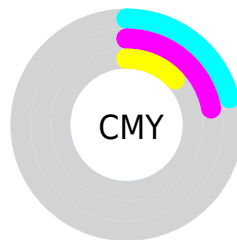
- Red (79%)
- Green (78%)
- Blue (87%)



- Red (79%)
- Yellow (78%)
- Blue (87%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (22%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC6DD 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 CAC6DD by changing the saturation by 10% instead.



■ CAC6DD

FFFFFF

■ CAC6DD

■ AFABC1

■ 9490A6

■ 7A778C

■ 615E72

■ 49465A

■ 333042

■ 1D1B2C

■ 050018

■ 000000

 CAC6DD

 CAC6DD

 B8B0DD

 DCDCDD

 A59ADD

 EFF2DD

 9384DD

 FFFFDD

 816EDD

 6F58DD

 5C41DD

 4A2BDD

 3815DD

 2600DD

# Harmonies

## Analogous

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



BCCADF



CAC6DD



D7C3D5

# Triad

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



CAC6DD



DDC4B6



AFD0C7

# Complementary

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



CAC6DD



D9DDC6

# 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.



B9CEBC



CAC6DD



D3C8B2

# Square

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



CAC6DD



E2C1BE



C6CBB4



ACCFD3

# Rectangle

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



CAC6DD



DDC1CE



C6CBB4



B2CFC3



# Sweetspot

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



CAC6DD



F9F7FF



C6D9DD



7B7A80



000000



808080



# Same Dimension

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



CAC6DD



E6E0FF



D5C6DD



65636E



1E00AD



08002E



# Inverse Universe

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



DDC6D9



FFE0FA



CEDDC6



6E636C



AD008F

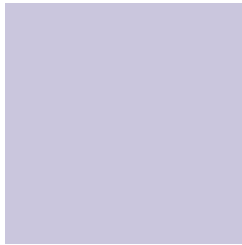


2E0026



# Previews

## White Background



This preview shows how the Hex color CAC6DD looks on a white background.

## Color Contrast Check

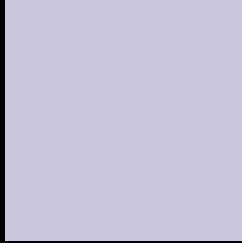
Large Text (above 18pt) WCAG AA × Fail

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 CAC6DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

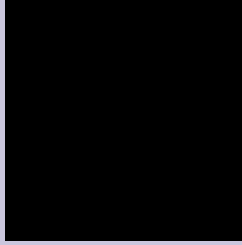
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAC6DD Background



This preview shows how black text looks on a background with the Hex color CAC6DD.



This preview shows how white text looks on a background with the Hex color CAC6DD.

# 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



**Original Color**  
CAC6DD

**Protanopia**  
C6C7DE

**Deuteranopia**  
D2C3DE



**Tritanopia**  
C9C7D7

# Trichromacy



**Original Color**  
CAC6DD

**Protanomaly**  
C7C7DE

**Deuteranomaly**  
CFC4DE

**Tritanomaly**  
C9C7D9

# Monochromacy



**Original Color**  
CAC6DD

**Achromatopsia**  
CACACA

**Achromatomaly**  
CAC9D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC6DD 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 #CAC6DD looks like.

```
.text, #text, p{  
    color:#CAC6DD  
}
```

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 #CAC6DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC6DD
}
```

## Border

The CSS property to change the border of an element to Hex CAC6DD 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
#CAC6DD }
```

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

```
.border{ border-color:#CAC6DD }
```

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

Here you see how a box with a 4 pixel #CAC6DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC6DD; -webkit-box-shadow:4px 4px  
4px 4px #CAC6DD; box-shadow:4px 4px 4px  
4px #CAC6DD }
```

# Background

The CSS property to change the background color of an element to Hex CAC6DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC6DD }
```

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

```
.background{ background-color:#CAC6DD }
```

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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