

# Converting Colors

Hex(C6C6CA)

Have a look what the booklet for  
Hex(C6C6CA) contains.

<b>Hex(C6C6CA)</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(C6C6CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6C6CA
RGB	198, 198, 202
RGB Percent	78%, 78%, 79%
CMY	0.2235, 0.2235, 0.2078
CMYK	0.02, 0.02, 0.00, 0.21
HSL	240°, 4%, 78%
HSV	240°, 2%, 79%
XYZ	54.1435, 56.6582, 63.9596
YIQ	198.4560, -1.2840, 1.2440

# Conversions

## Conversions Part 2

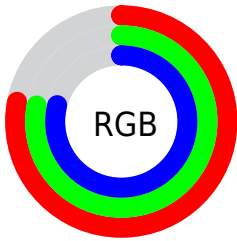
Format	Color
<a href="#">RYB</a>	<a href="#">198, 198, 202</a>
Decimal	<a href="#">13027018</a>
CIELab	<a href="#">79.99, 0.75, -2.00</a>
CIELCh	<a href="#">80, 2.138, 290.399</a>
Yxy	<a href="#">56.6582, 0.3098, 0.3242</a>
Android (android.graphics.Color)	<a href="#">4291217098</a> ( <a href="#">0xFFC6C6CA</a> )
YUV	<a href="#">198.4560, 1.7472, -0.3999</a>
Hunter-Lab	<a href="#">75.2716, -3.3290, 2.3104</a>

# Details

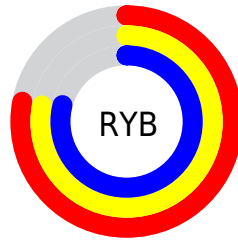
The Hex color **C6C6CA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CACAC6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFFFF**, and **909094** is the 20% darker color. If you saturate the color by 10%, you get **B2B2CA**, and if you desaturate by 10%, it is **DADACA**.

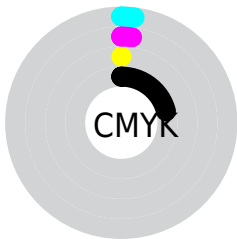
# Distribution



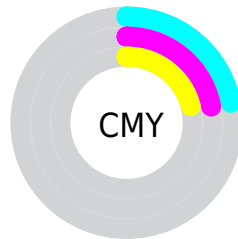
- Red (78%)
- Green (78%)
- Blue (79%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color C6C6CA 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 C6C6CA by changing the saturation by 10% instead.



■ C6C6CA

FFFFFF

■ C6C6CA

■ ABABAF

■ 909094

■ 77777A

■ 5E5E61

■ 46464A

■ 303033

■ 1B1B1E

■ 000005

■ 000000

 C6C6CA

 C6C6CA

 B2B2CA

 DADACA

 9E9ECA

 EEEECA

 8989CA

 FFFFCA

 7575CA

 6161CA

 4D4DCA

 3939CA

 2424CA

 1010CA

# Harmonies

## Analogous

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



C4C7CA



C6C6CA



C8C5C9

# Triad

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



C6C6CA



CAC5C3



C2C8C6

# Complementary

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



C6C6CA



CACAC6

# 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.



C4C7C4



C6C6CA



C9C6C2

# Square

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



C6C6CA



CBC5C5



C7C7C3



C2C8C8

# Rectangle

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



C6C6CA



CAC5C8



C7C7C3



C3C7C5

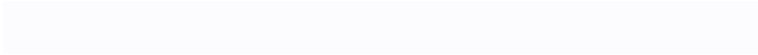


# Sweetspot

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



C6C6CA



FCFCFF



C6CACA



7E7E80



000000



808080



# Same Dimension

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



C6C6CA



FAFAFF



C8C6CA



646466



0000A6



000026



# Inverse Universe

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



CAC6CA



FFFAFF



C8CAC6



666466



A600A6

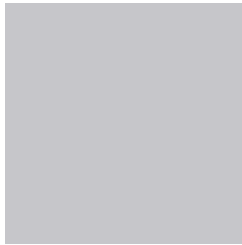


260026



# Previews

## White Background



This preview shows how the Hex color C6C6CA looks on a white background.

## Color Contrast Check

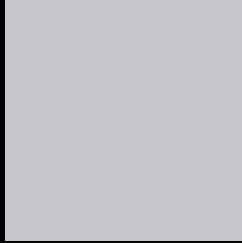
Large Text (above 18pt) WCAG AA × Fail

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 C6C6CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

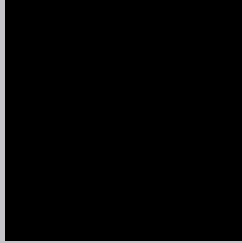
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

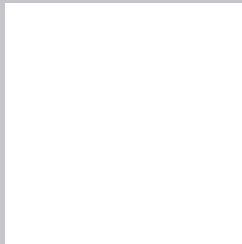
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6C6CA Background



This preview shows how black text looks on a background with the Hex color C6C6CA.

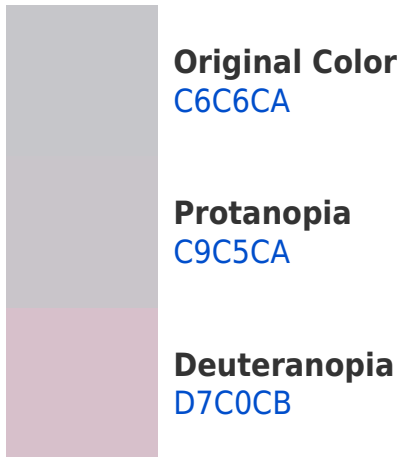


This preview shows how white text looks on a background with the Hex color C6C6CA.

# 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**  
C8C4D4

# Trichromacy



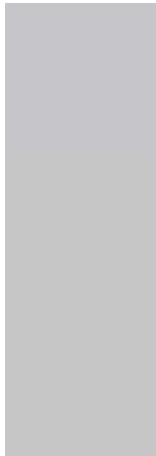
**Original Color**  
C6C6CA

**Protanomaly**  
C8C5CA

**Deuteranomaly**  
D1C2CB

**Tritanomaly**  
C7C5D0

# Monochromacy



**Original Color**  
C6C6CA

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C6C6C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6C6CA 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 #C6C6CA looks like.

```
.text, #text, p{  
    color:#C6C6CA  
}
```

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 #C6C6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6C6CA
}
```

## Border

The CSS property to change the border of an element to Hex C6C6CA 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
#C6C6CA }
```

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

```
.border{ border-color:#C6C6CA }
```

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

Here you see how a box with a 4 pixel #C6C6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6C6CA; -webkit-box-shadow:4px 4px  
4px 4px #C6C6CA; box-shadow:4px 4px 4px  
4px #C6C6CA }
```

# Background

The CSS property to change the background color of an element to Hex C6C6CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6C6CA }
```

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

```
.background{ background-color:#C6C6CA }
```

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