

# Converting Colors

Hex(C4C5D8)

Have a look what the booklet for  
Hex(C4C5D8) contains.

<b>Hex(C4C5D8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C4C5D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4C5D8
RGB	196, 197, 216
RGB Percent	77%, 77%, 85%
CMY	0.2314, 0.2275, 0.1529
CMYK	0.09, 0.09, 0.00, 0.15
HSL	237°, 20%, 81%
HSV	237°, 9%, 85%
XYZ	55.1259, 56.6261, 72.9902
YIQ	198.8670, -6.6950, 5.6970

# Conversions

## Conversions Part 2

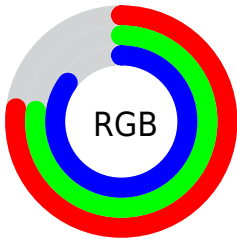
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 197, 216
Decimal	12895704
CIE Lab	79.97, 3.32, -9.57
CIE LCh	80, 10.132, 289.099
Yxy	56.6261, 0.2984, 0.3065
Android (android.graphics.Color)	4291085784 (0xFFC4C5D8)
YUV	198.8670, 8.4466, -2.5144
Hunter-Lab	75.2503, -0.9250, -4.8340

# Details

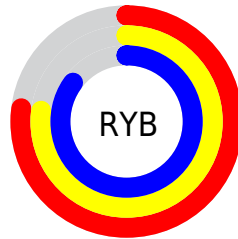
The Hex color **C4C5D8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8D7C4**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FDFEFF**, and **8E8FA1** is the 20% darker color. If you saturate the color by 10%, you get **AEB0D8**, and if you desaturate by 10%, it is **DADAD8**.

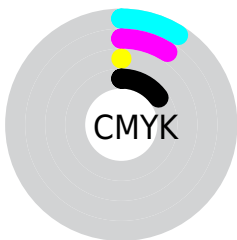
# Distribution



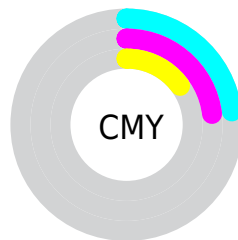
- Red (77%)
- Green (77%)
- Blue (85%)



- Red (77%)
- Yellow (77%)
- Blue (85%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (23%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4C5D8 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 C4C5D8 by changing the saturation by 10% instead.



 C4C5D8

 C4C5D8

FFFFFF

 A9AABC

 FDFEFF

 8E8FA1

 757687

 5C5D6E

 444655

 2E2F3E

 191B28

 000014

 000000

 C4C5D8

 C4C5D8

 AEB0D8

 DADAD8

 999CD8

 EFEED8

 8387D8

 FFFFD8

 6E73D8

 585ED8

 424AD8

 2D35D8

 1721D8

 020CD8

# Harmonies

## Analogous

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



B9C8D9



C4C5D8



CFC2D3

# Triad

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



C4C5D8



D9C2B8



B4CCC2

# Complementary

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



C4C5D8



D8D7C4

# 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.



BDCABA



C4C5D8



D2C4B4

# Square

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



C4C5D8



DBC0C0



C8C8B4



AFCCCC

# Rectangle

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



C4C5D8



D5C1CD



C8C8B4



B6CBBF



# Sweetspot

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



C4C5D8



F7F8FF



C4D8D7



7A7B80



000000



808080



# Same Dimension

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



C4C5D8



E3E4FF



CDC4D8



60616B



0009AB



00022B



# Inverse Universe

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



D8C4C5



FFE3E4



CFD8C4



6B6061



AB0009

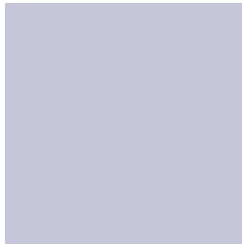


2B0002



# Previews

## White Background



This preview shows how the Hex color C4C5D8 looks on a white background.

## Color Contrast Check

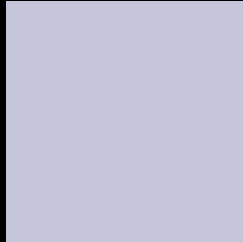
Large Text (above 18pt) WCAG AA × Fail

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 C4C5D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

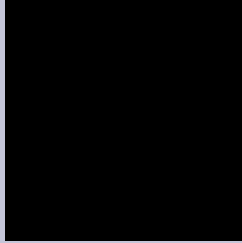
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4C5D8 Background



This preview shows how black text looks on a background with the Hex color C4C5D8.

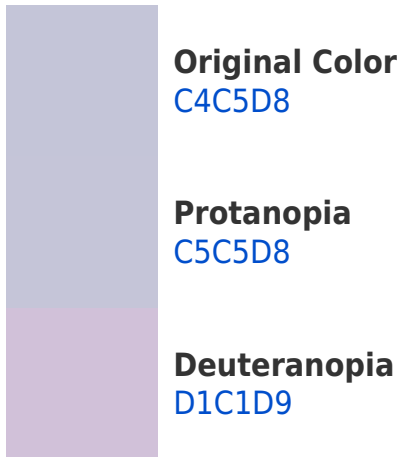


This preview shows how white text looks on a background with the Hex color C4C5D8.

# 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**  
C4C5D5

# Trichromacy



**Original Color**  
C4C5D8

**Protanomaly**  
C5C5D8

**Deuteranomaly**  
CCC2D9

**Tritanomaly**  
C4C5D6

# Monochromacy



**Original Color**  
C4C5D8

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
C6C6CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4C5D8 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 #C4C5D8 looks like.

```
.text, #text, p{  
    color:#C4C5D8  
}
```

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 #C4C5D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4C5D8
}
```

## Border

The CSS property to change the border of an element to Hex C4C5D8 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
#C4C5D8 }
```

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

```
.border{ border-color:#C4C5D8 }
```

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

Here you see how a box with a 4 pixel #C4C5D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4C5D8; -webkit-box-shadow:4px 4px  
4px 4px #C4C5D8; box-shadow:4px 4px 4px  
4px #C4C5D8 }
```

# Background

The CSS property to change the background color of an element to Hex C4C5D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4C5D8 }
```

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

```
.background{ background-color:#C4C5D8 }
```

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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