

# Converting Colors

Hex(C4CED8)

Have a look what the booklet for  
Hex(C4CED8) contains.

<b>Hex(C4CED8)</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(C4CED8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4CED8
RGB	196, 206, 216
RGB Percent	77%, 81%, 85%
CMY	0.2314, 0.1922, 0.1529
CMYK	0.09, 0.05, 0.00, 0.15
HSL	210°, 20%, 81%
HSV	210°, 9%, 85%
XYZ	57.2309, 60.8362, 73.6919
YIQ	204.1500, -9.1700, 0.9900

# Conversions

## Conversions Part 2

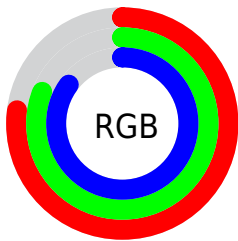
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 203, 216
Decimal	12898008
CIE Lab	82.29, -1.45, -6.13
CIE LCh	82, 6.300, 256.683
Yxy	60.8362, 0.2985, 0.3173
Android (android.graphics.Color)	4291088088 (0xFFC4CED8)
YUV	204.1500, 5.8420, -7.1476
Hunter-Lab	77.9976, -5.5210, -1.4187

# Details

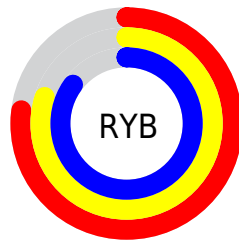
The Hex color **C4CED8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8CEC4**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FDFFFF**, and **8E98A1** is the 20% darker color. If you saturate the color by 10%, you get **AEC3D8**, and if you desaturate by 10%, it is **DAD9D8**.

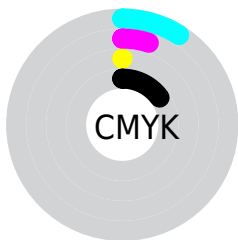
# Distribution



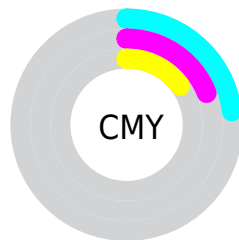
- Red (77%)
- Green (81%)
- Blue (85%)



- Red (77%)
- Yellow (80%)
- Blue (85%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (19%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4CED8 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 C4CED8 by changing the saturation by 10% instead.



■ C4CED8

FFFFFF

FDFFFF

■ C4CED8

■ A9B3BC

■ 8E98A1

■ 757E87

■ 5C656E

■ 444D55

■ 2E363E

■ 192128

■ 000A14

■ 000000

 C4CED8

 C4CED8

 AEC3D8

 DAD9D8

 99B8D8

 EFE4D8

 83AED8

 FFEED8

 6EA3D8

 FFF9D8

 5898D8

 FFFFD8

 428DD8

 2D82D8

 1778D8

 026DD8

# Harmonies

## Analogous

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



C0D0D5



C4CED8



CBCCD8

# Triad

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



C4CED8



DAC9CA



C7CFC4

# Complementary

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



C4CED8



D8CEC4

# 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.



CECDC1



C4CED8



D9CAC4

# Square

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



C4CED8



D7C9D0



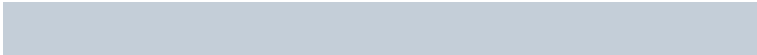
D5CBC1



C2D0CA

# Rectangle

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



C4CED8



D0CBD6



D5CBC1

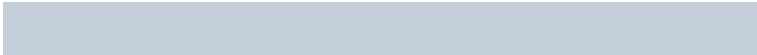


CACFC3



# Sweetspot

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



C4CED8



F7FBFF



C4D8CE



7A7D80



000000

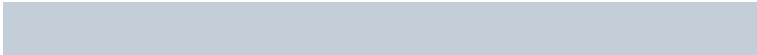


808080

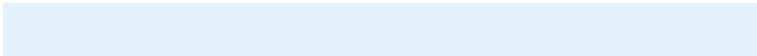


# Same Dimension

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



C4CED8



E3F1FF



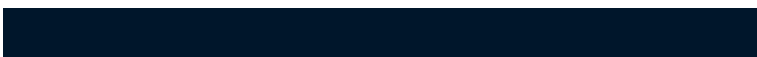
C4C4D8



60666B



0055AB



00162B



# Inverse Universe

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



D8C4CE



FFE3F1



D8D8C4



6B6066



AB0055

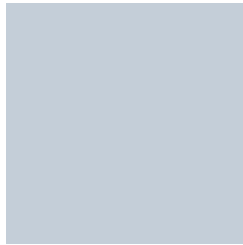


2B0016



# Previews

## White Background



This preview shows how the Hex color C4CED8 looks on a white background.

## Color Contrast Check

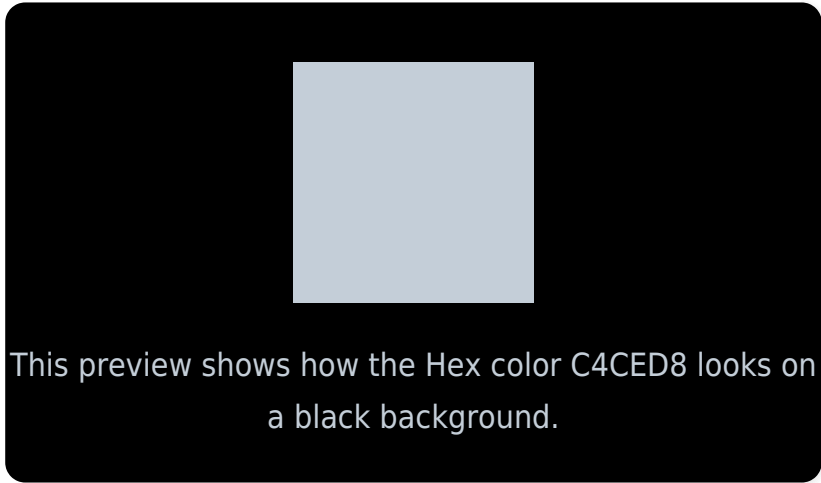
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

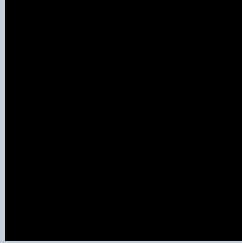
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

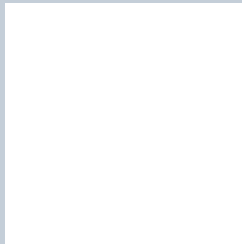
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4CED8 Background



This preview shows how black text looks on a background with the Hex color C4CED8.

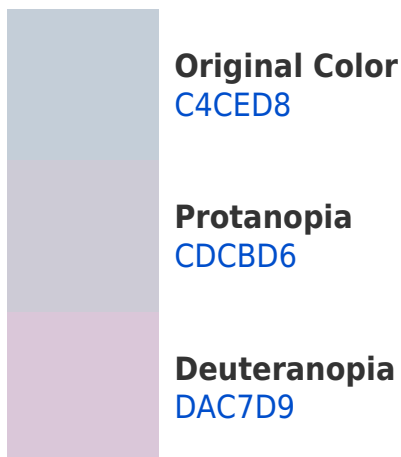


This preview shows how white text looks on a background with the Hex color C4CED8.

# 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



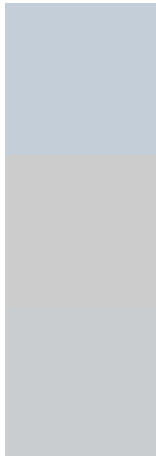
**Original Color**  
C4CED8

**Protanomaly**  
CACCD7

**Deuteranomaly**  
D2CAD9

**Tritanomaly**  
C5CDD8

# Monochromacy



**Original Color**  
C4CED8

**Achromatopsia**  
CCCCCC

**Achromatomaly**  
C9CDD0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4CED8 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 #C4CED8 looks like.

```
.text, #text, p{  
    color:#C4CED8  
}
```

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 #C4CED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4CED8  
}
```

## Border

The CSS property to change the border of an element to Hex C4CED8 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  
#C4CED8 }
```

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

```
.border{ border-color:#C4CED8 }
```

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

Here you see how a box with a 4 pixel #C4CED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4CED8; -webkit-box-shadow:4px 4px  
4px 4px #C4CED8; box-shadow:4px 4px 4px  
4px #C4CED8 }
```

# Background

The CSS property to change the background color of an element to Hex C4CED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4CED8 }
```

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

```
.background{ background-color:#C4CED8 }
```

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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