

# Converting Colors

Hex(C2D6E0)

Have a look what the booklet for  
Hex(C2D6E0) contains.

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# **Color**

**Hex(C2D6E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2D6E0
RGB	194, 214, 224
RGB Percent	76%, 84%, 88%
CMY	0.2392, 0.1608, 0.1216
CMYK	0.13, 0.04, 0.00, 0.12
HSL	200°, 33%, 82%
HSV	200°, 13%, 88%
XYZ	59.7492, 64.9443, 79.9074
YIQ	209.1600, -15.1300, -1.1300

# Conversions

## Conversions Part 2

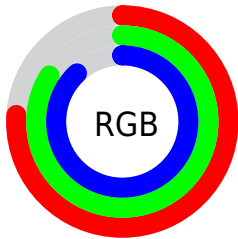
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 206, 224
Decimal	12768992
CIELab	84.46, -4.68, -7.20
CIELCh	84, 8.587, 237.008
Yxy	64.9443, 0.2920, 0.3174
Android (android.graphics.Color)	4290959072 (0xFFC2D6E0)
YUV	209.1600, 7.3161, -13.2953
Hunter-Lab	80.5880, -8.6863, -2.3776

# Details

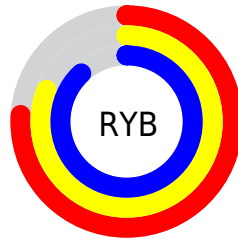
The Hex color **C2D6E0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0CCC2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FBFFFF**, and **8C9FA9** is the 20% darker color. If you saturate the color by 10%, you get **ACCFE0**, and if you desaturate by 10%, it is **D8DDE0**.

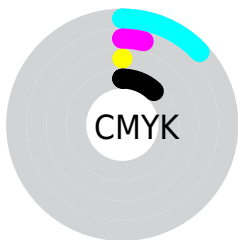
# Distribution



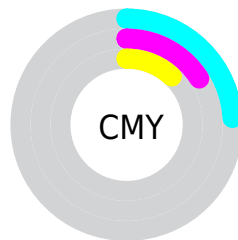
- Red (76%)
- Green (84%)
- Blue (88%)



- Red (76%)
- Yellow (81%)
- Blue (88%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (16%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D6E0 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 C2D6E0 by changing the saturation by 10% instead.



 C2D6E0

 C2D6E0

FFFFFF

 A7BAC4

 FBFFFF

 8C9FA9

 72858E

 5A6C75

 42545C

 2B3D45

 15272E

 00121A

 000000

 C2D6E0

 C2D6E0

 ACCFE0

 D8DDE0

 95C7E0

 EFE5E0

 7FC0E0

 FFECE0

 68B8E0

 FFF4E0

 52B1E0

 FFFBE0

 3CA9E0

 FFFFEO

 25A2E0

 0F9AE0

 0095E0

# Harmonies

## Analogous

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



BFD7DA



C2D6E0



CAD4E3

# Triad

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



C2D6E0



E3CDD4



D1D4C4

# Complementary

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



C2D6E0



E0CCC2

# 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.



DBD2C3



C2D6E0



E5CECC

# Square

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



C2D6E0



DDCFDC



E2CFC5



C8D7CA

# Rectangle

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



C2D6E0



D0D2E2



E2CFC5



D5D4C3

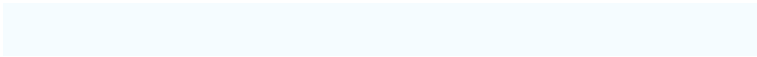


# Sweetspot

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



C2D6E0



F5FCFF



C2E0CC



797D80



000000



808080

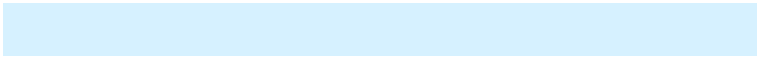


# Same Dimension

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



C2D6E0



D6F1FF



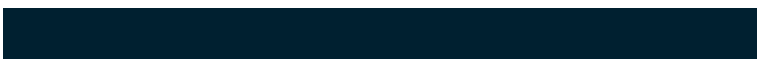
C2C8E0



656C70



0075B0



002030



# Inverse Universe

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



E0C2D6



FFD6F1



E0DBC2



70656C



B00075

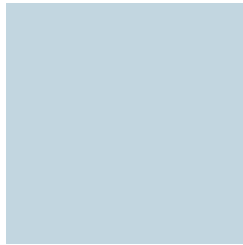


300020



# Previews

## White Background



This preview shows how the Hex color C2D6E0 looks on a white background.

## Color Contrast Check

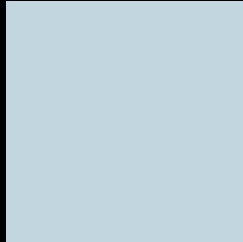
Large Text (above 18pt) WCAG AA × Fail

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 C2D6E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

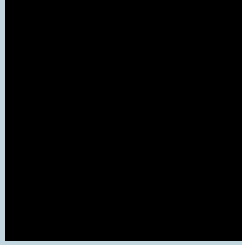
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

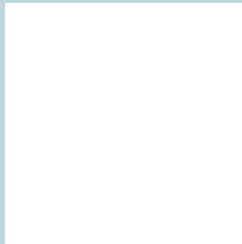
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2D6E0 Background



This preview shows how black text looks on a background with the Hex color C2D6E0.

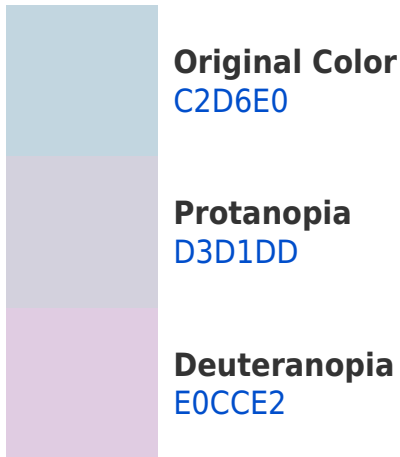


This preview shows how white text looks on a background with the Hex color C2D6E0.

# 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](#).

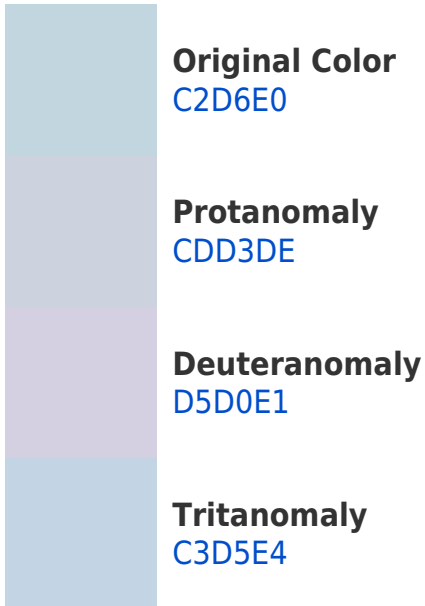
## Dichromacy



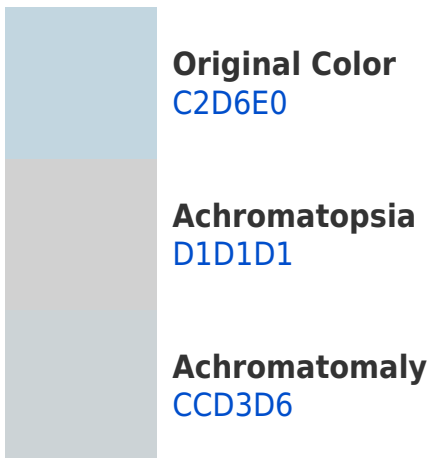


**Tritanopia**  
C3D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D6E0 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 #C2D6E0 looks like.

```
.text, #text, p{  
    color:#C2D6E0  
}
```

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 #C2D6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D6E0
}
```

## Border

The CSS property to change the border of an element to Hex C2D6E0 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
#C2D6E0 }
```

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

```
.border{ border-color:#C2D6E0 }
```

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

Here you see how a box with a 4 pixel #C2D6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D6E0; -webkit-box-shadow:4px 4px  
4px 4px #C2D6E0; box-shadow:4px 4px 4px  
4px #C2D6E0 }
```

# Background

The CSS property to change the background color of an element to Hex C2D6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D6E0 }
```

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

```
.background{ background-color:#C2D6E0 }
```

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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