

# Converting Colors

Hex(C2D6E8)

Have a look what the booklet for  
Hex(C2D6E8) contains.

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# **Color**

**Hex(C2D6E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2D6E8
RGB	194, 214, 232
RGB Percent	76%, 84%, 91%
CMY	0.2392, 0.1608, 0.0902
CMYK	0.16, 0.08, 0.00, 0.09
HSL	208°, 45%, 84%
HSV	208°, 16%, 91%
XYZ	60.8602, 65.3887, 85.7575
YIQ	210.0720, -17.6980, 1.3580

# Conversions

## Conversions Part 2

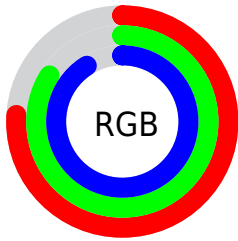
Format	Color
<b>RYB</b>	194, 207, 232
Decimal	12769000
CIELab	84.68, -3.02, -11.11
CIELCh	85, 11.512, 254.775
Yxy	65.3887, 0.2871, 0.3084
Android (android.graphics.Color)	4290959080 (0xFFC2D6E8)
YUV	210.0720, 10.8105, -14.0951
Hunter-Lab	80.8633, -7.1661, -6.2743

# Details

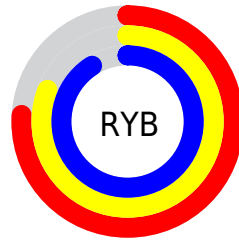
The Hex color **C2D6E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8D4C2**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FBFFFF**, and **8C9FB0** is the 20% darker color. If you saturate the color by 10%, you get **ABCBE8**, and if you desaturate by 10%, it is **D9E1E8**.

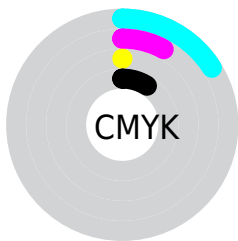
# Distribution



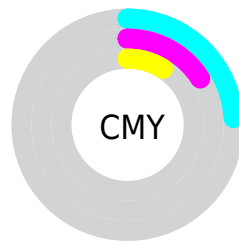
- Red (76%)
- Green (84%)
- Blue (91%)



- Red (76%)
- Yellow (81%)
- Blue (91%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D6E8 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 C2D6E8 by changing the saturation by 10% instead.



 C2D6E8

 C2D6E8

FFFFFF

 A7BACC

 FBFFFF

 8C9FB0

 728596

 596C7C

 415463

 2A3D4B

 142734

 00121F

 000005

 C2D6E8

 C2D6E8

 ABCBE8

 D9E1E8

 94C0E8

 F0ECE8

 7CB5E8

 FFF7E8

 65AAE8

 FFFF E8

 4E9FE8

 3794E8

 2089E8

 087EE8

 007AE8

# Harmonies

## Analogous

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



BAD9E2



C2D6E8



CFD2E8

# Triad

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



C2D6E8



EBCCE



CAD7C4

# Complementary

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



C2D6E8



E8D4C2

# 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.



D7D4BE



C2D6E8



E9CEC4

# Square

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



C2D6E8



E6CDD9



E2D1BF



BFDACD

# Rectangle

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



C2D6E8



D8D0E5



E2D1BF



CED7C1

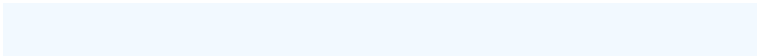


# Sweetspot

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



C2D6E8



F2F9FF



C2E8D4



787C80



000000



808080

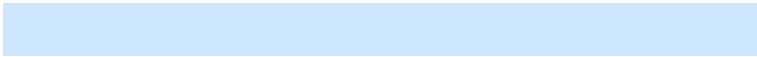


# Same Dimension

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



C2D6E8



CCE7FF



C2C3E8



676D73



005EB3



001B33



# Inverse Universe

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



E8C2D6



FFCCE7



E8E7C2



73676D



B3005E

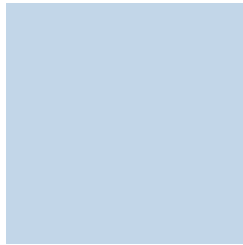


33001B



# Previews

## White Background



This preview shows how the Hex color C2D6E8 looks on a white background.

## Color Contrast Check

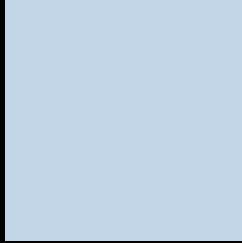
Large Text (above 18pt) WCAG AA × Fail

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 C2D6E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

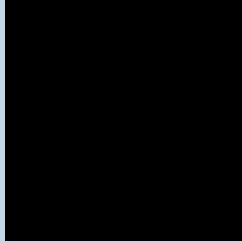
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

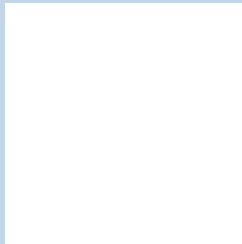
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2D6E8 Background



This preview shows how black text looks on a background with the Hex color C2D6E8.

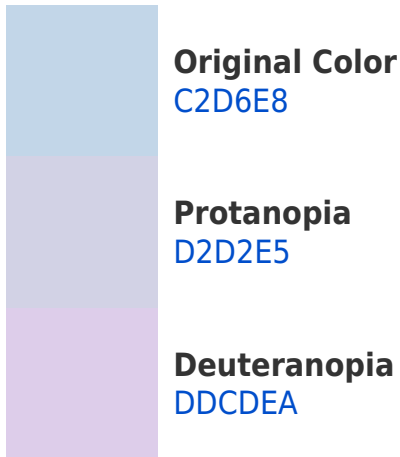


This preview shows how white text looks on a background with the Hex color C2D6E8.

# 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](#).

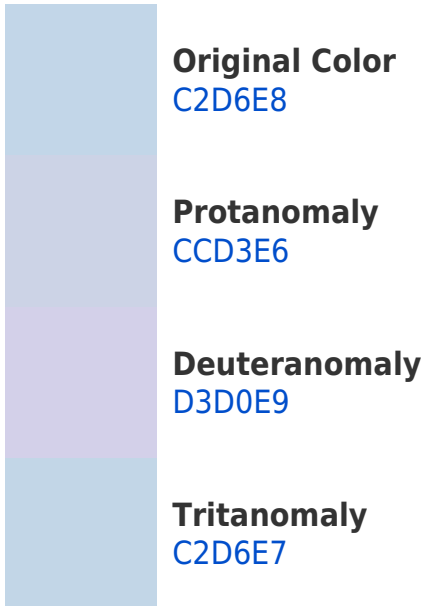
## Dichromacy



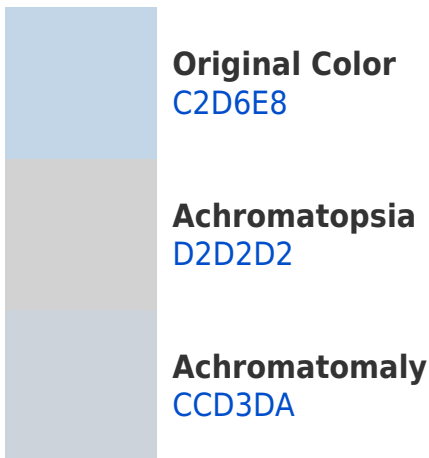


**Tritanopia**  
C2D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D6E8 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 #C2D6E8 looks like.

```
.text, #text, p{  
    color:#C2D6E8  
}
```

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 #C2D6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D6E8  
}
```

## Border

The CSS property to change the border of an element to Hex C2D6E8 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  
#C2D6E8 }
```

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

```
.border{ border-color:#C2D6E8 }
```

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

Here you see how a box with a 4 pixel #C2D6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D6E8; -webkit-box-shadow:4px 4px  
4px 4px #C2D6E8; box-shadow:4px 4px 4px  
4px #C2D6E8 }
```

# Background

The CSS property to change the background color of an element to Hex C2D6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D6E8 }
```

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

```
.background{ background-color:#C2D6E8 }
```

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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