

Converting Colors

Hex(C4D7E0)

Have a look what the booklet for
Hex(C4D7E0) contains.

Hex(C4D7E0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4D7E0)

Conversions

Conversions Part 1

Format	Color
Hex	C4D7E0
RGB	196, 215, 224
RGB Percent	77%, 84%, 88%
CMY	0.2314, 0.1569, 0.1216
CMYK	0.12, 0.04, 0.00, 0.12
HSL	199°, 31%, 82%
HSV	199°, 12%, 88%
XYZ	60.5199, 65.7185, 80.0162
YIQ	210.3450, -14.2130, -1.2290

Conversions

Conversions Part 2

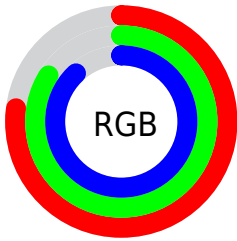
Format	Color
R_{YB}	196, 207, 224
Decimal	12900320
CIE _{Lab}	84.85, -4.56, -6.60
CIE _{LCh}	85, 8.019, 235.378
Yxy	65.7185, 0.2934, 0.3186
Android (android.graphics.Color)	4291090400 (0xFFC4D7E0)
YUV	210.3450, 6.7319, -12.5806
Hunter-Lab	81.0669, -8.6092, -1.7747

Details

The Hex color **C4D7E0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0CDC4**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FDFFFF**, and **8EA0A9** is the 20% darker color. If you saturate the color by 10%, you get **AED0E0**, and if you desaturate by 10%, it is **DADEE0**.

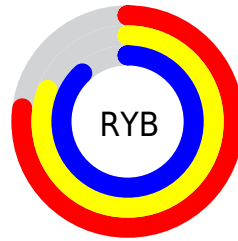
Distribution



Red (77%)

Green (84%)

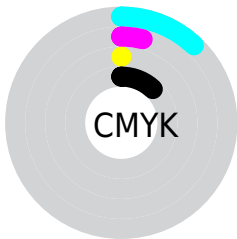
Blue (88%)



Red (77%)

Yellow (81%)

Blue (88%)

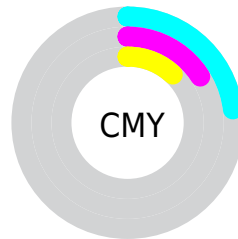


Cyan (12%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (23%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4D7E0 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 C4D7E0 by changing the saturation by 10% instead.

■ C4D7E0

■ C4D7E0

FFFFFF

■ A9BBC4

FDFFFF

■ 8EA0A9

■ 74868E

■ 5C6D75

■ 44555C

■ 2D3D45

■ 17282E

■ 00131A

■ 000000

 C4D7E0

 C4D7E0

 AED0E0

 DADEE0

 97C9E0

 F1E5E0

 81C1E0

 FFEDE0

 6ABAE0

 FFF4E0


 54B3E0

 FFFBE0

 3EACE0

 FFFFEO

 27A5E0

 119DE0

 0098E0

Harmonies

Analogous

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



C1D8DA



C4D7E0



CBD5E3

Triad

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



C4D7E0



E3CFD5



D3D5C6

Complementary

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



C4D7E0



E0CDC4

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.



DCD3C5



C4D7E0



E5CFCE

Square

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



C4D7E0



DDD0DD



E2D1C8



CAD7CB

Rectangle

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



C4D7E0



D1D3E2



E2D1C8



D6D5C5

Sweetspot

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



C4D7E0



F5FCFF



C4E0CD



797D80



000000



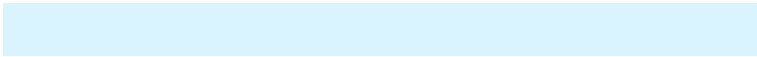
808080

Same Dimension

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



C4D7E0



D9F3FF



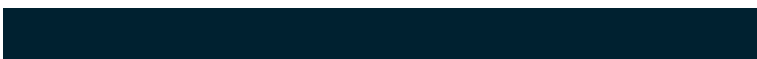
C4C9E0



656D70



0077B0



002130

Inverse Universe

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



E0C4D7



FFD9F3



E0DBC4



70656D



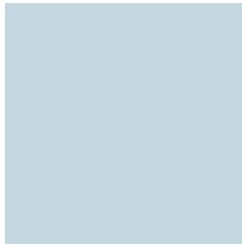
B00077



300021

Previews

White Background



This preview shows how the Hex color C4D7E0 looks on a white background.

Color Contrast Check

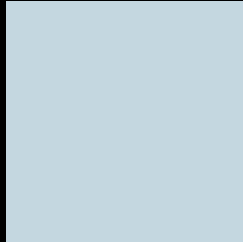
Large Text (above 18pt) WCAG AA × Fail

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 C4D7E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

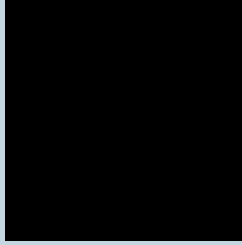
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

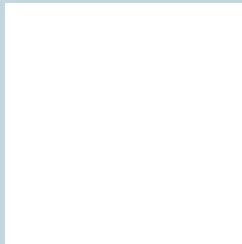
Any Text WCAG AAA ✓ Pass

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

Hex C4D7E0 Background



This preview shows how black text looks on a background with the Hex color C4D7E0.

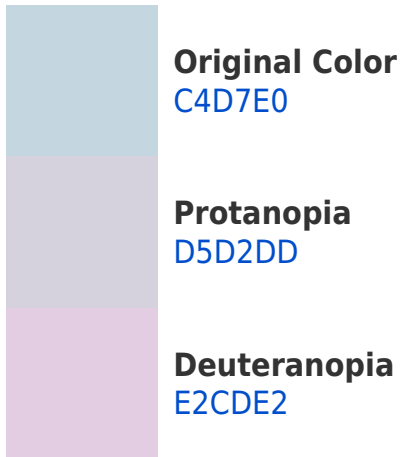


This preview shows how white text looks on a background with the Hex color C4D7E0.

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](#).

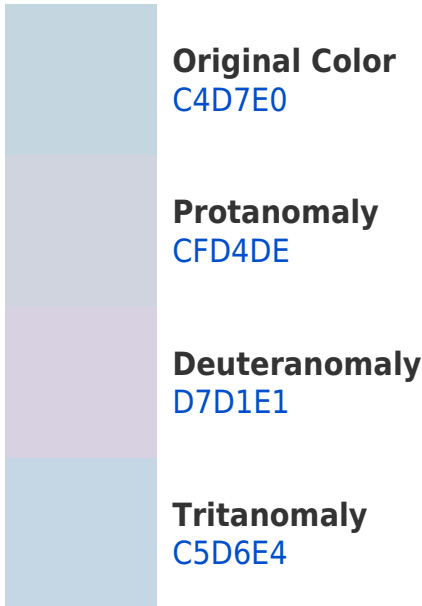
Dichromacy



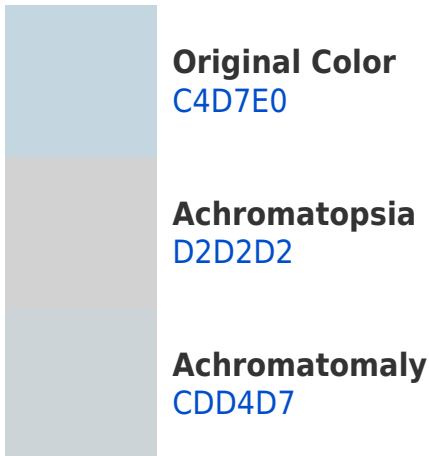


Tritanopia
C5D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4D7E0 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 #C4D7E0 looks like.

```
.text, #text, p{  
    color:#C4D7E0  
}
```

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 #C4D7E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D7E0
}
```

Border

The CSS property to change the border of an element to Hex C4D7E0 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
#C4D7E0 }
```

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

```
.border{ border-color:#C4D7E0 }
```

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

Here you see how a box with a 4 pixel #C4D7E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D7E0; -webkit-box-shadow:4px 4px  
4px 4px #C4D7E0; box-shadow:4px 4px 4px  
4px #C4D7E0 }
```

Background

The CSS property to change the background color of an element to Hex C4D7E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D7E0 }
```

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

```
.background{ background-color:#C4D7E0 }
```

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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