

Converting Colors

Hex(C4DAEE)

Have a look what the booklet for
Hex(C4DAEE) contains.

Hex(C4DAEE)	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(C4DAEE)

Conversions

Conversions Part 1

Format	Color
Hex	C4DAEE
RGB	196, 218, 238
RGB Percent	77%, 85%, 93%
CMY	0.2314, 0.1451, 0.0667
CMYK	0.18, 0.08, 0.00, 0.07
HSL	209°, 55%, 85%
HSV	209°, 18%, 93%
XYZ	63.2690, 68.0516, 90.6896
YIQ	213.7020, -19.5320, 1.5560

Conversions

Conversions Part 2

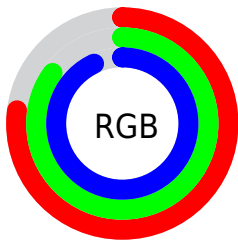
Format	Color
R _{YB}	196, 210, 238
Decimal	12901102
CIE Lab	86.03, -3.22, -12.26
CIE LCh	86, 12.674, 255.264
Yxy	68.0516, 0.2850, 0.3065
Android (android.graphics.Color)	4291091182 (0xFFC4DAEE)
YUV	213.7020, 11.9789, -15.5247
Hunter-Lab	82.4934, -7.4615, -7.4354

Details

The Hex color **C4DAEE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EED8C4**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FDFFFF**, and **8EA3B6** is the 20% darker color. If you saturate the color by 10%, you get **ACCFEE**, and if you desaturate by 10%, it is **DCE5EE**.

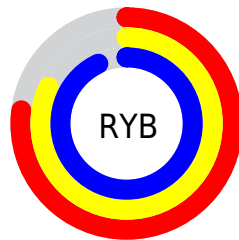
Distribution



Red (77%)

Green (85%)

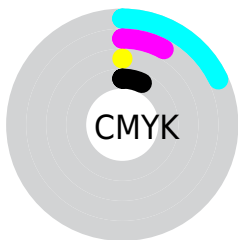
Blue (93%)



Red (77%)

Yellow (82%)

Blue (93%)

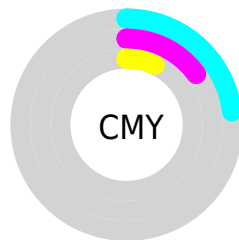


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (23%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4DAEE 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 C4DAEE by changing the saturation by 10% instead.

■ C4DAEE

■ C4DAEE

FFFFFF

■ A9BED2

FDFFFF

■ 8EA3B6

■ 74899B

■ 5B7081

■ 435768

■ 2B4050

■ 142A39

■ 001623

■ 00010D

 C4DAEE

 C4DAEE

 ACCFEE

 DCE5EE

 94C3EE

 F4F1EE

 7DB8EE

 FFFCEE

 65ADEE

 FFFFEE

 4DA1EE

 3596EE

 1D8BEE

 067FEE

 007DEE

Harmonies

Analogous

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



BBDDE8



C4DAEE



D2D6EE

Triad

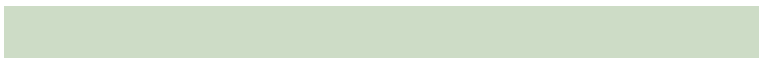
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C4DAEE



F1CFD1



CDDCC6

Complementary

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



C4DAEE



EED8C4

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.



DBD8C0



C4DAEE



EFD1C7

Square

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



C4DAEE



ECD0DE



E7D4C0



C0DED1

Rectangle

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



C4DAEE



DCD3EB



E7D4C0



D1DBC3

Sweetspot

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



C4DAEE



F2F9FF



C4EED8



787C80



000000



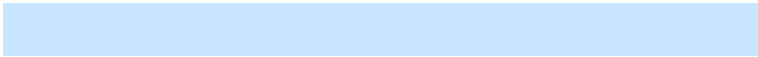
808080

Same Dimension

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



C4DAEE



C9E5FF



C4C5EE



6C7278



0060B8



001D38

Inverse Universe

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



EEC4DA



FFC9E5



EEEDC4



786C72



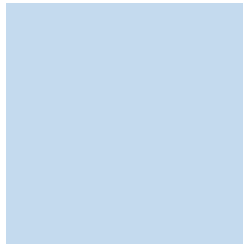
B80060



38001D

Previews

White Background



This preview shows how the Hex color C4DAEE looks on a white background.

Color Contrast Check

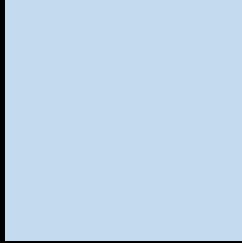
Large Text (above 18pt) WCAG AA × Fail

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 C4DAEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

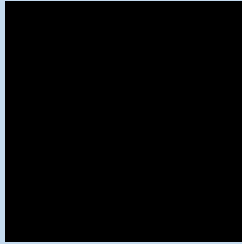
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

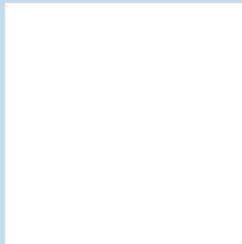
Any Text WCAG AAA ✓ Pass

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

Hex C4DAEE Background



This preview shows how black text looks on a background with the Hex color C4DAEE.

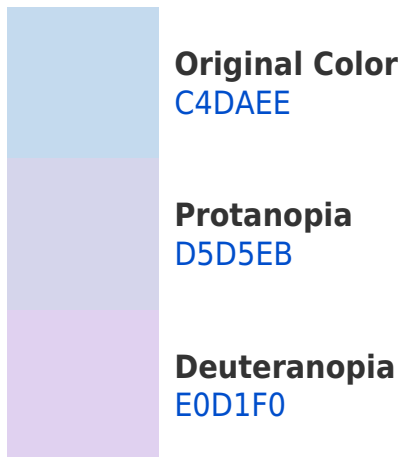


This preview shows how white text looks on a background with the Hex color C4DAEE.

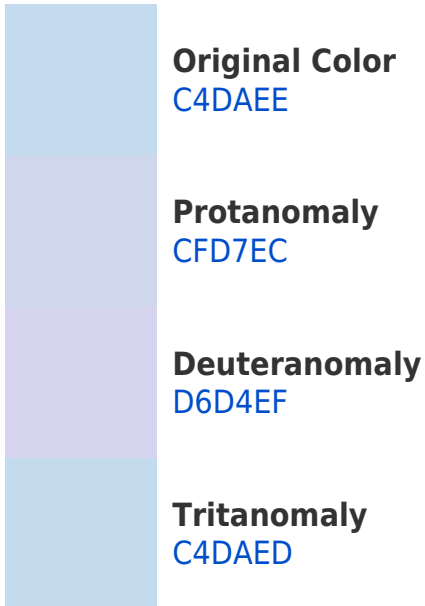
Color Blindness Simulation

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](#).

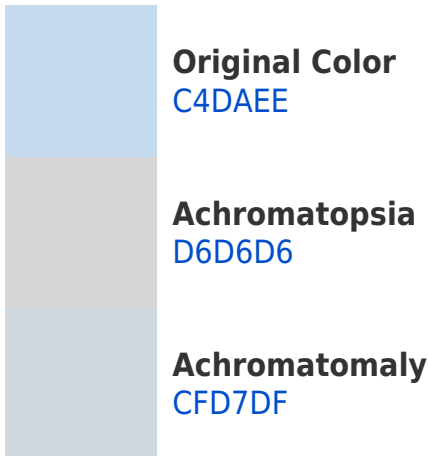
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4DAEE 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 #C4DAEE looks like.

```
.text, #text, p{  
    color:#C4DAEE  
}
```

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 #C4DAEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DAEE
}
```

Border

The CSS property to change the border of an element to Hex C4DAEE 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
#C4DAEE }
```

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

```
.border{ border-color:#C4DAEE }
```

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

Here you see how a box with a 4 pixel #C4DAEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DAEE; -webkit-box-shadow:4px 4px  
4px 4px #C4DAEE; box-shadow:4px 4px 4px  
4px #C4DAEE }
```

Background

The CSS property to change the background color of an element to Hex C4DAEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DAEE }
```

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

```
.background{ background-color:#C4DAEE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor