

# Converting Colors

Hex(C4DCFE)

Have a look what the booklet for  
Hex(C4DCFE) contains.

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# **Color**

**Hex(C4DCFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4DCFE
RGB	196, 220, 254
RGB Percent	77%, 86%, 100%
CMY	0.2314, 0.1373, 0.0039
CMYK	0.23, 0.13, 0.00, 0.00
HSL	215°, 97%, 88%
HSV	215°, 23%, 100%
XYZ	66.2475, 70.0779, 103.8007
YIQ	216.7000, -25.2180, 5.4860

# Conversions

## Conversions Part 2

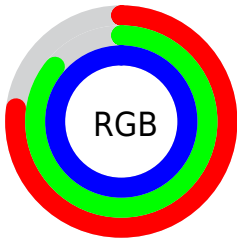
Format	Color
R <sub>Y</sub> B	196, 213, 254
Decimal	12901630
CIE Lab	87.04, -0.80, -19.19
CIE LCh	87, 19.209, 267.612
Yxy	70.0779, 0.2759, 0.2918
Android (android.graphics.Color)	4291091710 (0xFFC4DCFE)
YUV	216.7000, 18.3889, -18.1539
Hunter-Lab	83.7126, -5.2376, -14.9188

# Details

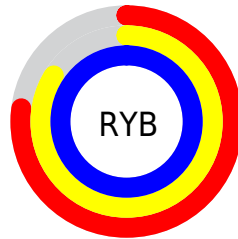
The Hex color **C4DCFE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FEE6C4**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FDFFFF**, and **8DA5C5** is the 20% darker color. If you saturate the color by 10%, you get **ABCD FE**, and if you desaturate by 10%, it is **DDEBFE**.

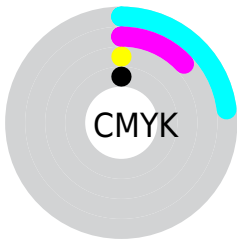
# Distribution



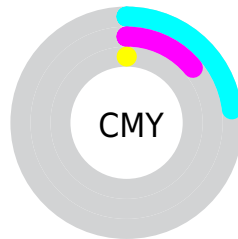
- Red (77%)
- Green (86%)
- Blue (100%)



- Red (77%)
- Yellow (84%)
- Blue (100%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4DCFE 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 C4DCFE by changing the saturation by 10% instead.



 C4DCFE

 C4DCFE

FFFFFF

 A8C0E1

FDFFFF

 8DA5C5

 738BAA

 5A718F

 415976

 28425D

 0E2C45

 00172F

 00011A

 C4DCFE

 C4DCFE

 ABCDFE

 DDEBFE

 91BEFE

 F7FAFE

 78AFFE

FFFFFFE

 5EA0FE

 4592FE

 2C83FE

 1274FE

 0069FE

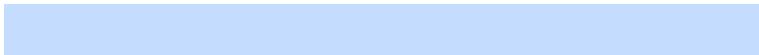
# Harmonies

## Analogous

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



B1E1F8



C4DCFE



DCD6FA

# Triad

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



C4DCFE



FFCECA



C1E2C6

# Complementary

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



C4DCFE



FEE6C4

# 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.



D6DEBA



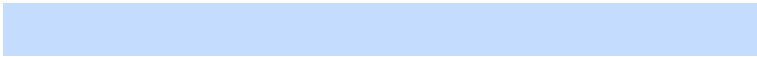
C4DCFE



F9D2BC

# Square

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



C4DCFE



FECEDC



EAD8B6



B1E5D8

# Rectangle

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



C4DCFE



EAD2F3



EAD8B6



C8E1C1

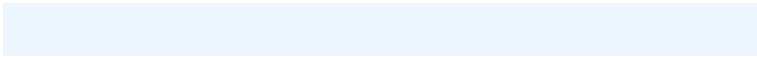


# Sweetspot

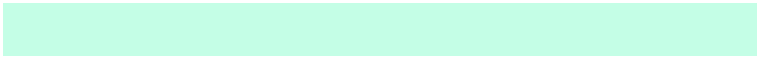
The Sweet Spot groups the original color and five complimentary colors.



C4DCFE



EDF5FF



C4FEE6



757A80



000000



808080



# Same Dimension

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



C4DCFE



BAD7FF



C9C4FE



737880



004FBF



001A40



# Inverse Universe

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



FEC4DC



FFBAD7



F9FEC4



807378



BF004F

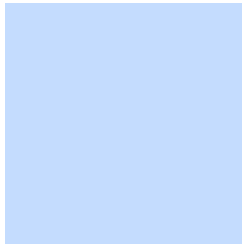


40001A



# Previews

## White Background



This preview shows how the Hex color C4DCFE looks on a white background.

## Color Contrast Check

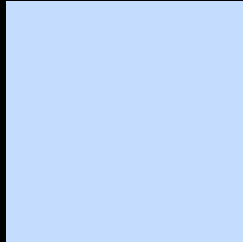
Large Text (above 18pt) WCAG AA × Fail

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 C4DCFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

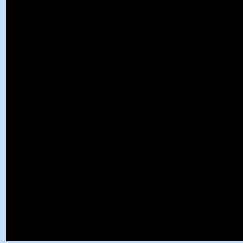
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

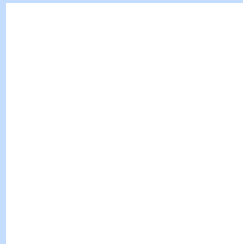
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4DCFE Background



This preview shows how black text looks on a background with the Hex color C4DCFE.

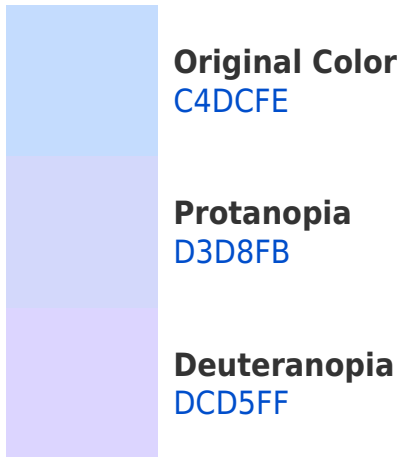


This preview shows how white text looks on a background with the Hex color C4DCFE.

# 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



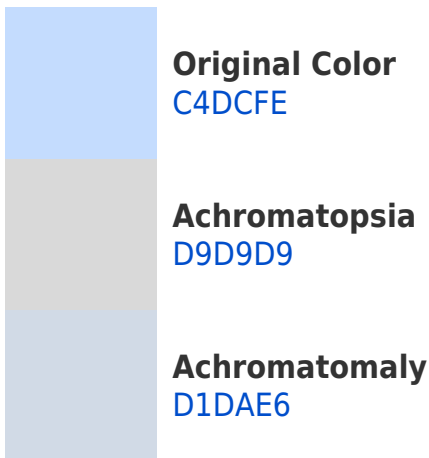


**Tritanopia**  
C1DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4DCFE 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 #C4DCFE looks like.

```
.text, #text, p{  
    color:#C4DCFE  
}
```

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 #C4DCFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DCFE
}
```

## Border

The CSS property to change the border of an element to Hex C4DCFE 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
#C4DCFE }
```

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

```
.border{ border-color:#C4DCFE }
```

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

Here you see how a box with a 4 pixel #C4DCFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DCFE; -webkit-box-shadow:4px 4px  
4px 4px #C4DCFE; box-shadow:4px 4px 4px  
4px #C4DCFE }
```

# Background

The CSS property to change the background color of an element to Hex C4DCFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DCFE }
```

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

```
.background{ background-color:#C4DCFE }
```

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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