

# Converting Colors

Hex(C1D6F4)

Have a look what the booklet for  
Hex(C1D6F4) contains.

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# **Color**

**Hex(C1D6F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D6F4
RGB	193, 214, 244
RGB Percent	76%, 84%, 96%
CMY	0.2431, 0.1608, 0.0431
CMYK	0.21, 0.12, 0.00, 0.04
HSL	215°, 70%, 86%
HSV	215°, 21%, 96%
XYZ	62.3680, 65.9622, 95.0328
YIQ	211.1410, -22.1460, 4.8780

# Conversions

## Conversions Part 2

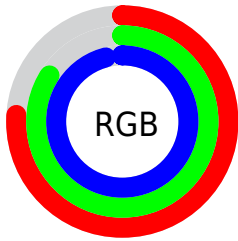
Format	Color
<a href="#">RYB</a>	<a href="#">193, 208, 244</a>
Decimal	<a href="#">12703476</a>
CIELab	<a href="#">84.98, -0.76, -17.03</a>
CIELCh	<a href="#">85, 17.051, 267.451</a>
Yxy	<a href="#">65.9622, 0.2792, 0.2953</a>
Android (android.graphics.Color)	<a href="#">4290893556</a> ( <a href="#">0xFFC1D6F4</a> )
YUV	<a href="#">211.1410, 16.1995, -15.9097</a>
Hunter-Lab	<a href="#">81.2171, -5.0568, -12.5237</a>

# Details

The Hex color **C1D6F4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F4DFC1**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FAFFFF**, and **8B9FBC** is the 20% darker color. If you saturate the color by 10%, you get **A9C8F4**, and if you desaturate by 10%, it is **D9E4F4**.

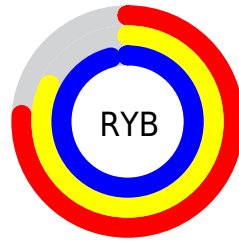
# Distribution



Red (76%)

Green (84%)

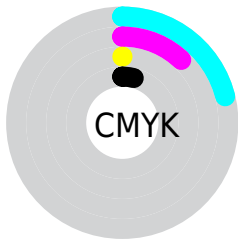
Blue (96%)



Red (76%)

Yellow (82%)

Blue (96%)

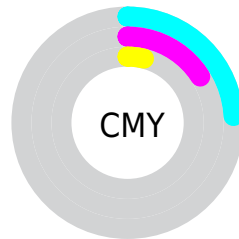


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (16%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1D6F4 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 C1D6F4 by changing the saturation by 10% instead.



 C1D6F4

 C1D6F4

FFFFFF

 A6BAD8

 FAFFFF

 8B9FBC

 7185A1

 586C86

 3F546D

 273D55

 0F273D

 001328

 000112

 C1D6F4

 C1D6F4

 A9C8F4

 D9E4F4

 90B9F4

 F2F3F4

 78ABF4

 FFFFF4

 5F9DF4

 478EF4

 2F80F4

 1672F4

 0064F4

# Harmonies

## Analogous

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



B1DBEF



C1D6F4



D6D1F1

# Triad

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



C1D6F4



F6CAC6



BFDCC2

# Complementary

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



C1D6F4



F4DFC1

# 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.



D1D8B8



C1D6F4



F0CDBA

# Square

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



C1D6F4



F4C9D6



E3D3B4



B0DED2

# Rectangle

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



C1D6F4



E3CDEA



E3D3B4



C5DBBE



# Sweetspot

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



C1D6F4



F0F6FF



C1F4DF



777A80



000000



808080

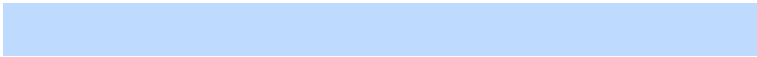


# Same Dimension

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



C1D6F4



BFDAFF



C5C1F4



6E737A



004DBA



00183B



# Inverse Universe

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



F4C1D6



FFBFDA



F0F4C1



7A6E73



BA004D

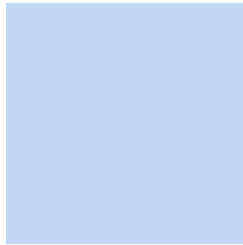


3B0018



# Previews

## White Background



This preview shows how the Hex color C1D6F4 looks on a white background.

## Color Contrast Check

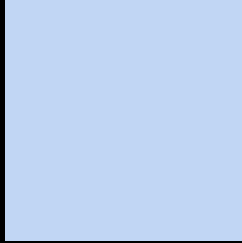
Large Text (above 18pt) WCAG AA × Fail

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 C1D6F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

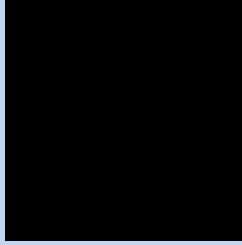
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

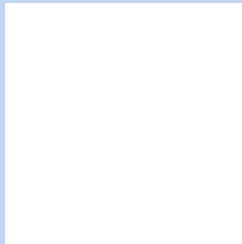
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1D6F4 Background



This preview shows how black text looks on a background with the Hex color C1D6F4.

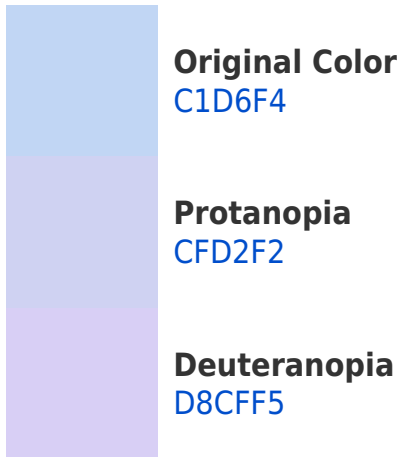


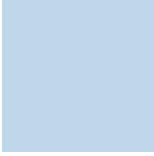
This preview shows how white text looks on a background with the Hex color C1D6F4.

# 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](#).

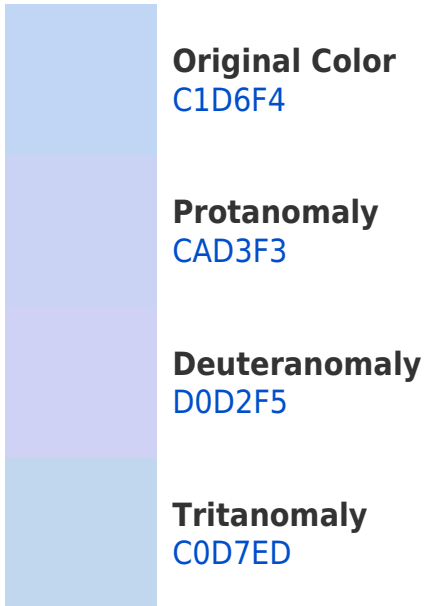
## Dichromacy



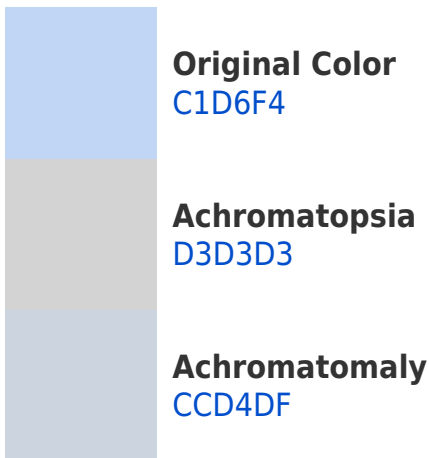


**Tritanopia**  
BFD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1D6F4 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 #C1D6F4 looks like.

```
.text, #text, p{  
    color:#C1D6F4  
}
```

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 #C1D6F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D6F4
}
```

## Border

The CSS property to change the border of an element to Hex C1D6F4 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
#C1D6F4 }
```

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

```
.border{ border-color:#C1D6F4 }
```

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

Here you see how a box with a 4 pixel #C1D6F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D6F4; -webkit-box-shadow:4px 4px  
4px 4px #C1D6F4; box-shadow:4px 4px 4px  
4px #C1D6F4 }
```

# Background

The CSS property to change the background color of an element to Hex C1D6F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D6F4 }
```

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

```
.background{ background-color:#C1D6F4 }
```

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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