

# Converting Colors

Hex(C1D3F3)

Have a look what the booklet for  
Hex(C1D3F3) contains.

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# **Color**

**Hex(C1D3F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D3F3
RGB	193, 211, 243
RGB Percent	76%, 83%, 95%
CMY	0.2431, 0.1725, 0.0471
CMYK	0.21, 0.13, 0.00, 0.05
HSL	218°, 68%, 85%
HSV	218°, 21%, 95%
XYZ	61.4642, 64.3971, 93.9844
YIQ	209.2660, -21.0000, 6.1360

# Conversions

## Conversions Part 2

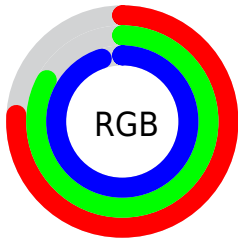
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 206, 243
Decimal	12702707
CIE Lab	84.17, 0.60, -17.72
CIE LCh	84, 17.727, 271.949
Yxy	64.3971, 0.2796, 0.2929
Android (android.graphics.Color)	4290892787 (0xFFC1D3F3)
YUV	209.2660, 16.6309, -14.2653
Hunter-Lab	80.2478, -3.7149, -13.2657

# Details

The Hex color **C1D3F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F3E1C1**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FAFFFF**, and **8B9DBB** is the 20% darker color. If you saturate the color by 10%, you get **A9C3F3**, and if you desaturate by 10%, it is **D9E3F3**.

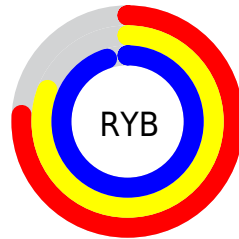
# Distribution



Red (76%)

Green (83%)

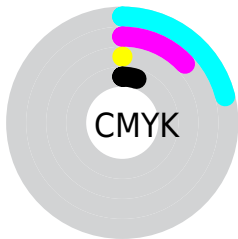
Blue (95%)



Red (76%)

Yellow (81%)

Blue (95%)

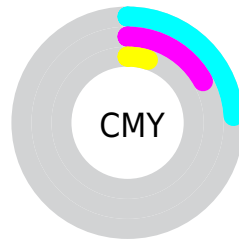


Cyan (21%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (17%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1D3F3 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 C1D3F3 by changing the saturation by 10% instead.



 C1D3F3

 C1D3F3

FFFFFF

 A6B7D7

 FAFFFF

 8B9DBB

 7183A0

 586986

 3F516C

 283A54

 0F253D

 001027

 000111

 C1D3F3

 C1D3F3

 A9C3F3

 D9E3F3

 90B4F3

 F2F2F3

 78A4F3

 FFFFF3

 6095F3

 4885F3

 2F76F3

 1766F3

 0057F3

# Harmonies

## Analogous

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



AFD8EF



C1D3F3



D7CDEE

# Triad

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



C1D3F3



F5C8C1



B9DAC2

# Complementary

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



C1D3F3



F3E1C1

# 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.



CCD6B5



C1D3F3



EDCCB5

# Square

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



C1D3F3



F4C6D1



DED1B1



ABDCD2

# Rectangle

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



C1D3F3



E4CAE7



DED1B1



BFD9BD



# Sweetspot

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



C1D3F3



F0F5FF



C1F3E1



777A80



000000



808080



# Same Dimension

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



C1D3F3



BFD6FF



C8C1F3



6E737A



0043BA



00153B



# Inverse Universe

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



F3C1D3



FFBFD6



ECF3C1



7A6E73



BA0043

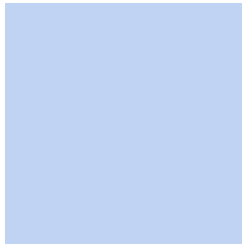


3B0015



# Previews

## White Background



This preview shows how the Hex color C1D3F3 looks on a white background.

## Color Contrast Check

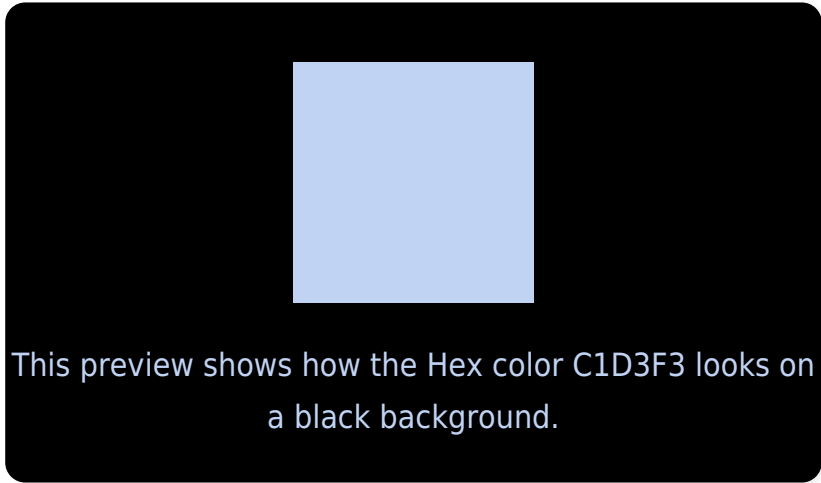
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

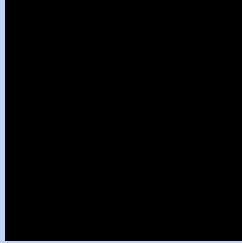
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

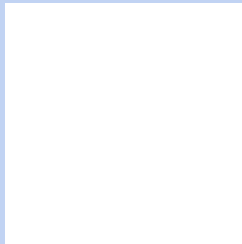
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1D3F3 Background



This preview shows how black text looks on a background with the Hex color C1D3F3.

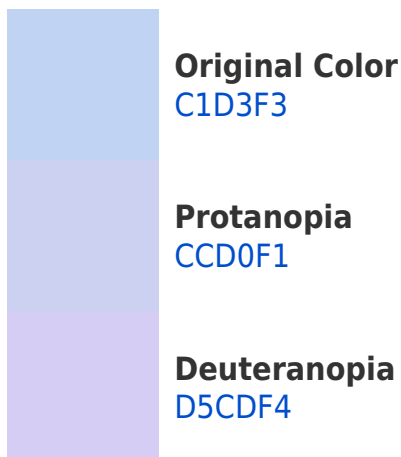


This preview shows how white text looks on a background with the Hex color C1D3F3.

# 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](#).

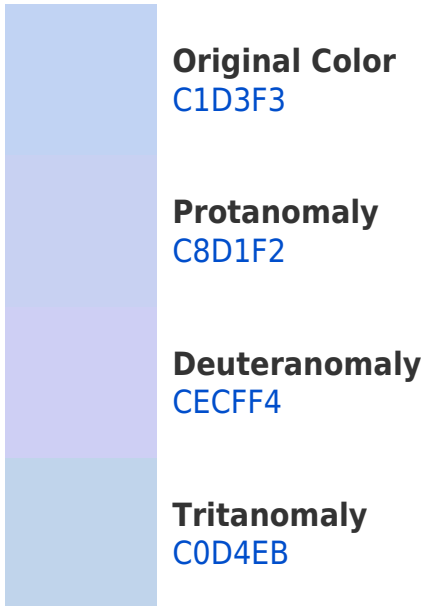
## Dichromacy



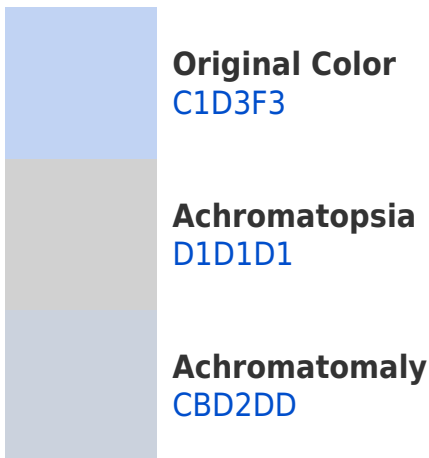


**Tritanopia**  
BFD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1D3F3 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 #C1D3F3 looks like.

```
.text, #text, p{  
    color:#C1D3F3  
}
```

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 #C1D3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D3F3
}
```

## Border

The CSS property to change the border of an element to Hex C1D3F3 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
#C1D3F3 }
```

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

```
.border{ border-color:#C1D3F3 }
```

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

Here you see how a box with a 4 pixel #C1D3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D3F3; -webkit-box-shadow:4px 4px  
4px 4px #C1D3F3; box-shadow:4px 4px 4px  
4px #C1D3F3 }
```

# Background

The CSS property to change the background color of an element to Hex C1D3F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D3F3 }
```

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

```
.background{ background-color:#C1D3F3 }
```

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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