

# Converting Colors

Hex(C5CBEF)

Have a look what the booklet for  
Hex(C5CBEF) contains.

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# **Color**

**Hex(C5CBEF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C5CBEF                     |
| RGB         | 197, 203, 239              |
| RGB Percent | 77%, 80%, 94%              |
| CMY         | 0.2275, 0.2039, 0.0627     |
| CMYK        | 0.18, 0.15, 0.00, 0.06     |
| HSL         | 231°, 57%, 85%             |
| HSV         | 231°, 18%, 94%             |
| XYZ         | 59.9619, 60.8142, 90.2393  |
| YIQ         | 205.3100, -15.1320, 9.9240 |

# Conversions

## Conversions Part 2

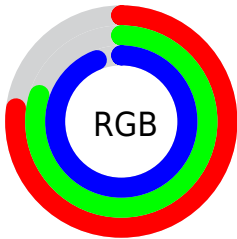
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 197, 202, 239                 |
| Decimal                             | 12962799                      |
| CIE Lab                             | 82.28, 5.21, -18.42           |
| CIE LCh                             | 82, 19.140, 285.801           |
| Yxy                                 | 60.8142, 0.2842,<br>0.2882    |
| Android<br>(android.graphics.Color) | 4291152879<br>(0xFFC5CBEF)    |
| YUV                                 | 205.3100, 16.6092,<br>-7.2879 |
| Hunter-Lab                          | 77.9834, 0.7785,<br>-14.0196  |

# Details

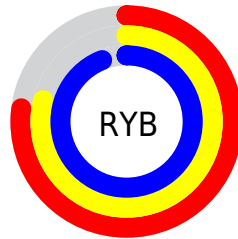
The Hex color **C5CBEF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFE9C5**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FEFFFF**, and **8F95B7** is the 20% darker color. If you saturate the color by 10%, you get **ADB7EF**, and if you desaturate by 10%, it is **DDDFEF**.

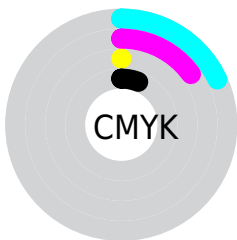
# Distribution



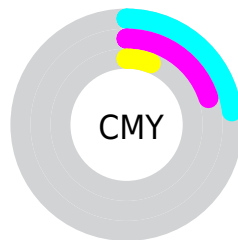
- Red (77%)
- Green (80%)
- Blue (94%)



- Red (77%)
- Yellow (79%)
- Blue (94%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (23%)
- Magenta (20%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5CBEF 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 C5CBEF by changing the saturation by 10% instead.



 C5CBEF

 C5CBEF

FFFFFF

 AAB0D3

FEFFFF

 8F95B7

 757B9C

 5C6282

 444B69

 2C3451

 151F39

 000624

 00000C

 C5CB EF

 C5CB EF

 ADB7 EF

 DDDF EF

 95A2 EF

 F5F4 EF

 7D8E EF

 FFFF EF

 6579 EF

 4E65 EF

 3650 EF

 1E3C EF

 0627 EF

 0022 EF

# Harmonies

## Analogous

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



AED1EF



C5CBEF



DBC5E6

# Triad

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



C5CBEF



EFC3B4



A9D7C3

# Complementary

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



C5CBEF



EFE9C5

# 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.



BCD3B3



C5CBEF



E3C9AA

# Square

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



C5CBEF



F3C0C4



D1CFAA



9ED7D6

# Rectangle

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



C5CBEF



E7C2DC



D1CFAA



AFD6BD



# Sweetspot

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



C5CBEF



F2F4FF



C5EFE9



787980



000000



808080



# Same Dimension

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



C5CBEF



C9D1FF



D4C5EF



6C6E78



001AB8



000838



# Inverse Universe

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



EFC5CB



FFC9D1



E0EFC5



786C6E



B8001A

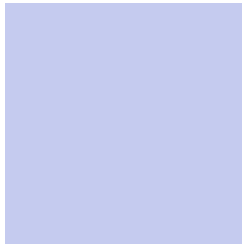


380008



# Previews

## White Background



This preview shows how the Hex color C5CBEF looks on a white background.

## Color Contrast Check

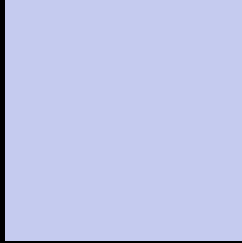
Large Text (above 18pt) WCAG AA × Fail

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 C5CBEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

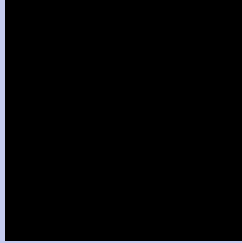
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5CBEF Background



This preview shows how black text looks on a background with the Hex color C5CBEF.

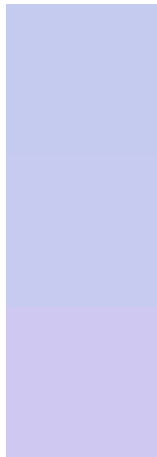


This preview shows how white text looks on a background with the Hex color C5CBEF.

# 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



**Original Color**  
C5CBEF

**Protanopia**  
C6CBEF

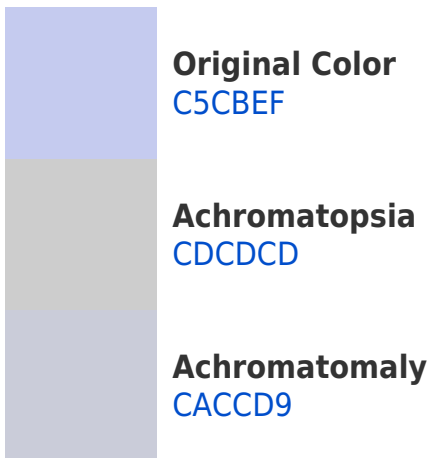
**Deuteranopia**  
CFC8F0



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5CBEF 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 #C5CBEF looks like.

```
.text, #text, p{  
    color:#C5CBEF  
}
```

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 #C5CBEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5CBEF
}
```

## Border

The CSS property to change the border of an element to Hex C5CBEF 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
#C5CBEF }
```

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

```
.border{ border-color:#C5CBEF }
```

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

Here you see how a box with a 4 pixel #C5CBEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5CBEF; -webkit-box-shadow:4px 4px  
4px 4px #C5CBEF; box-shadow:4px 4px 4px  
4px #C5CBEF }
```

# Background

The CSS property to change the background color of an element to Hex C5CBEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5CBEF }
```

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

```
.background{ background-color:#C5CBEF }
```

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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