

# Converting Colors

Hex(C5E0FD)

Have a look what the booklet for  
Hex(C5E0FD) contains.

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# **Color**

**Hex(C5E0FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5E0FD
RGB	197, 224, 253
RGB Percent	77%, 88%, 99%
CMY	0.2275, 0.1216, 0.0078
CMYK	0.22, 0.11, 0.00, 0.01
HSL	211°, 93%, 88%
HSV	211°, 22%, 99%
XYZ	67.4112, 72.2735, 103.3257
YIQ	219.2330, -25.4010, 3.2950

# Conversions

## Conversions Part 2

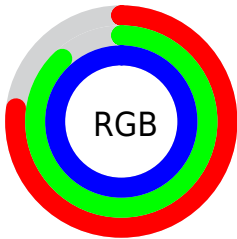
Format	Color
R <sub>Y</sub> B	197, 215, 253
Decimal	12968189
CIE Lab	88.10, -2.81, -17.05
CIE LCh	88, 17.285, 260.644
Yxy	72.2735, 0.2774, 0.2974
Android (android.graphics.Color)	4291158269 (0xFFC5E0FD)
YUV	219.2330, 16.6471, -19.4983
Hunter-Lab	85.0138, -7.2336, -12.5514

# Details

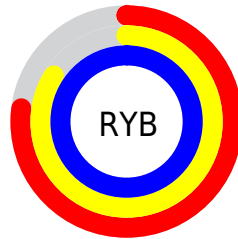
The Hex color **C5E0FD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDE2C5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FEFFFF**, and **8EA9C4** is the 20% darker color. If you saturate the color by 10%, you get **ACD3FD**, and if you desaturate by 10%, it is **DEEDFD**.

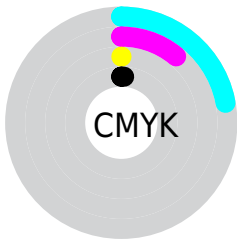
# Distribution



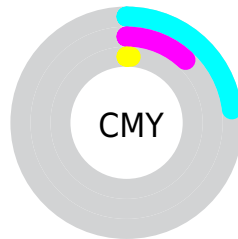
- Red (77%)
- Green (88%)
- Blue (99%)



- Red (77%)
- Yellow (84%)
- Blue (99%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (12%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5E0FD 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 C5E0FD by changing the saturation by 10% instead.



 C5E0FD

 C5E0FD

FFFFFF

 A9C4E0

FEFFFF

 8EA9C4

 748EA9

 5B758F

 425C75

 29455C

 102F45

 001A2E

 00011A

 C5E0FD

 C5E0FD

 ACD3FD

 DEEDFD

 92C6FD

 F8FAFD

 79B9FD

FFFFFFD

 60ACFD

 469EFD

 2D91FD

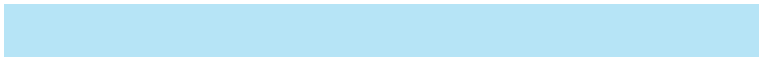
 1484FD

 007AFD

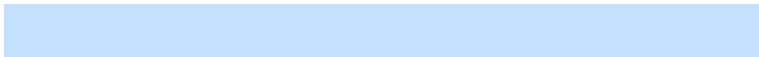
# Harmonies

## Analogous

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



B6E4F6



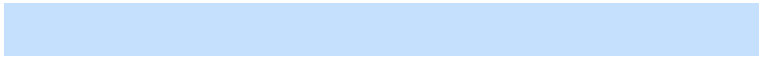
C5E0FD



DADBFC

# Triad

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



C5E0FD



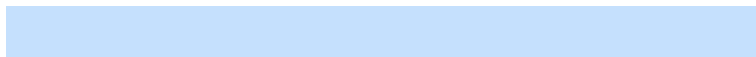
FFD2D2



CBE4C8

# Complementary

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



C5E0FD



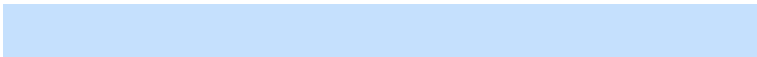
FDE2C5

# Split Complementary

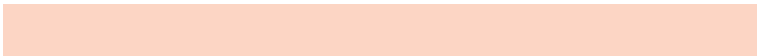
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DEDFBE



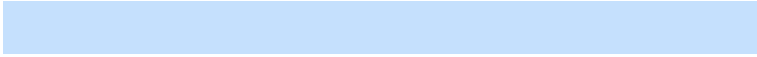
C5E0FD



FCD5C4

# Square

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



C5E0FD



FBD2E3



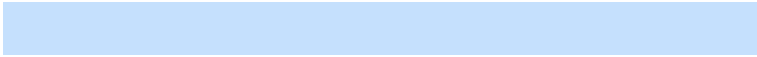
EFDABD



BBE6D7

# Rectangle

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



C5E0FD



E7D7F6



EFDABD

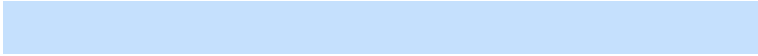


D1E3C4

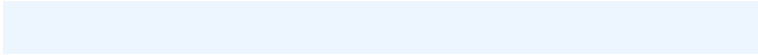


# Sweetspot

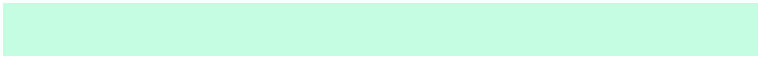
The Sweet Spot groups the original color and five complimentary colors.



C5E0FD



EDF6FF



C5FDE2



757A80



000000

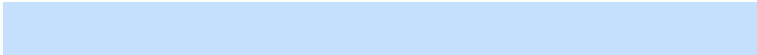


808080

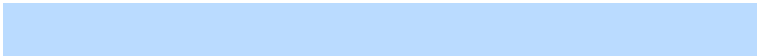


# Same Dimension

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



C5E0FD



BADBFF



C6C5FD



737980



005CBF



001F40



# Inverse Universe

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



FDC5E0



FFBADB



FCFDC5



807379



BF005C

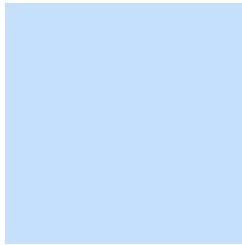


40001F



# Previews

## White Background



This preview shows how the Hex color C5E0FD looks on a white background.

## Color Contrast Check

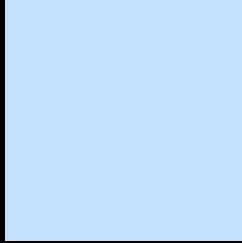
Large Text (above 18pt) WCAG AA × Fail

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 C5E0FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

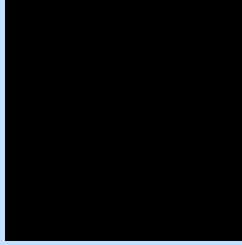
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

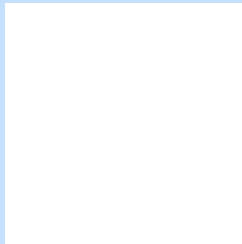
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5E0FD Background



This preview shows how black text looks on a background with the Hex color C5E0FD.

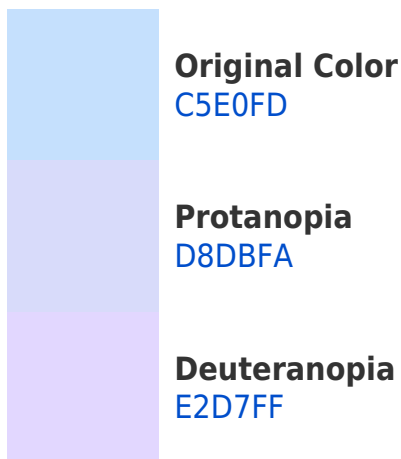


This preview shows how white text looks on a background with the Hex color C5E0FD.

# 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](#).

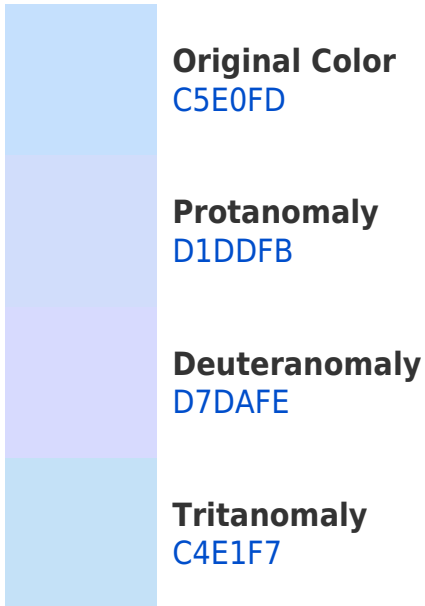
## Dichromacy



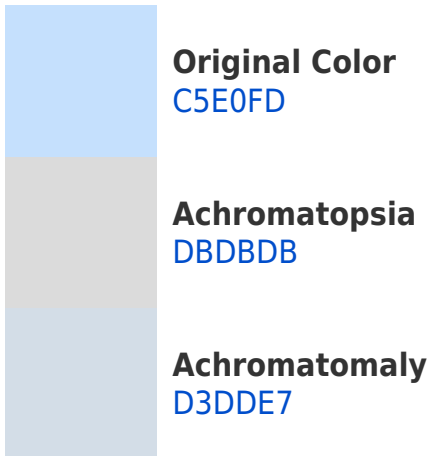


**Tritanopia**  
C3E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5E0FD 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 #C5E0FD looks like.

```
.text, #text, p{  
    color:#C5E0FD  
}
```

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 #C5E0FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5E0FD
}
```

## Border

The CSS property to change the border of an element to Hex C5E0FD 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
#C5E0FD }
```

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

```
.border{ border-color:#C5E0FD }
```

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

Here you see how a box with a 4 pixel #C5E0FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5E0FD; -webkit-box-shadow:4px 4px  
4px 4px #C5E0FD; box-shadow:4px 4px 4px  
4px #C5E0FD }
```

# Background

The CSS property to change the background color of an element to Hex C5E0FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5E0FD }
```

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

```
.background{ background-color:#C5E0FD }
```

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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