

# Converting Colors

Hex(C1E5F9)

Have a look what the booklet for  
Hex(C1E5F9) contains.

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# **Color**

**Hex(C1E5F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1E5F9
RGB	193, 229, 249
RGB Percent	76%, 90%, 98%
CMY	0.2431, 0.1020, 0.0235
CMYK	0.22, 0.08, 0.00, 0.02
HSL	201°, 82%, 87%
HSV	201°, 22%, 98%
XYZ	67.1105, 74.2156, 100.4105
YIQ	220.5160, -27.8760, -1.4120

# Conversions

## Conversions Part 2

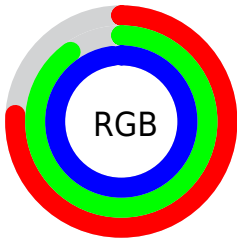
Format	Color
R <sub>YB</sub>	193, 215, 249
Decimal	12707321
CIE Lab	89.02, -7.46, -13.60
CIE LCh	89, 15.507, 241.253
Yxy	74.2156, 0.2776, 0.3070
Android (android.graphics.Color)	4290897401 (0xFFC1E5F9)
YUV	220.5160, 14.0426, -24.1315
Hunter-Lab	86.1485, -11.7066, -8.8016

# Details

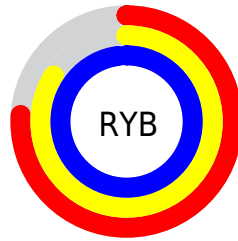
The Hex color **C1E5F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9D5C1**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FAFFFF**, and **8AAEC1** is the 20% darker color. If you saturate the color by 10%, you get **A8DCF9**, and if you desaturate by 10%, it is **DAEEF9**.

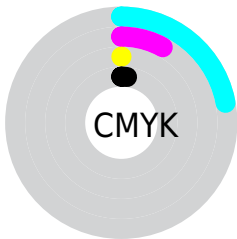
# Distribution



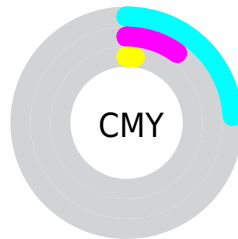
- Red (76%)
- Green (90%)
- Blue (98%)



- Red (76%)
- Yellow (84%)
- Blue (98%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (10%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1E5F9 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 C1E5F9 by changing the saturation by 10% instead.



 C1E5F9

 C1E5F9

FFFFFF

 A5C9DC

 FAFFFF

 8AAEC1

 7093A5

 57798B

 3E6072

 254959

 0A3242

 001D2B

 000117

 C1E5F9

 C1E5F9

 A8DCF9

 DAEEF9

 8FD3F9

 F3F7F9

 76CAF9

 FFFFF9

 5DC1F9

 45B9F9

 2CB0F9

 13A7F9

 00A0F9

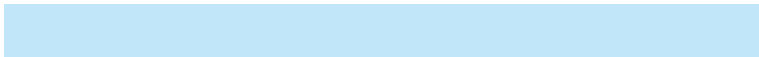
# Harmonies

## Analogous

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



BAE8EE



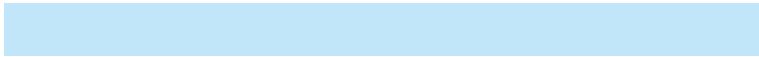
C1E5F9



D1E1FD

# Triad

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



C1E5F9



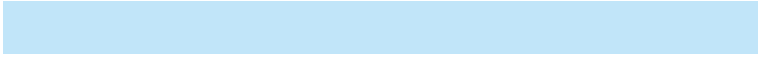
FED6DF



DAE3C6

# Complementary

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



C1E5F9



F9D5C1

# 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.



EBDFC2



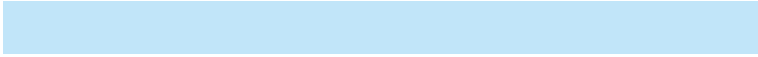
C1E5F9



FFD7D1

# Square

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



C1E5F9



F4D7EE



F8DAC6



CAE7D1

# Rectangle

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



C1E5F9



DDDDFB



F8DAC6

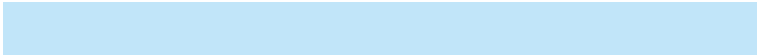


E0E2C4

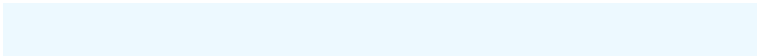


# Sweetspot

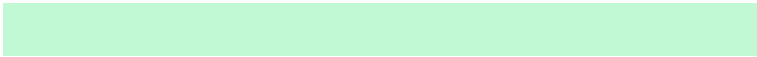
The Sweet Spot groups the original color and five complimentary colors.



C1E5F9



EDF9FF



C1F9D5



757C80



000000

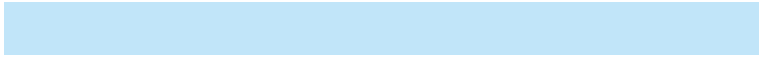


808080

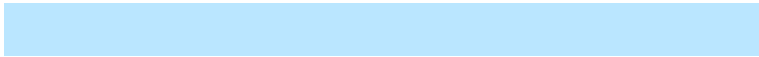


# Same Dimension

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



C1E5F9



BAE6FF



C1C9F9



70787D



0079BD



00273D



# Inverse Universe

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



F9C1E5



FFBAE6



F9F1C1



7D7078



BD0079

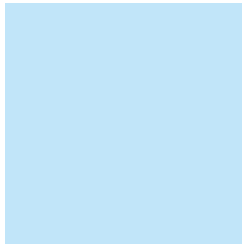


3D0027



# Previews

## White Background



This preview shows how the Hex color C1E5F9 looks on a white background.

## Color Contrast Check

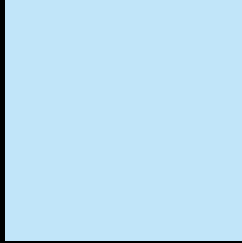
Large Text (above 18pt) WCAG AA × Fail

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 C1E5F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

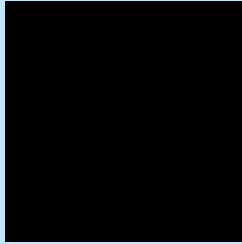
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

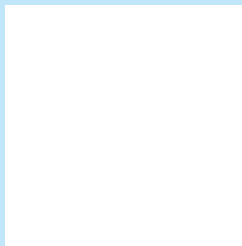
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1E5F9 Background



This preview shows how black text looks on a background with the Hex color C1E5F9.

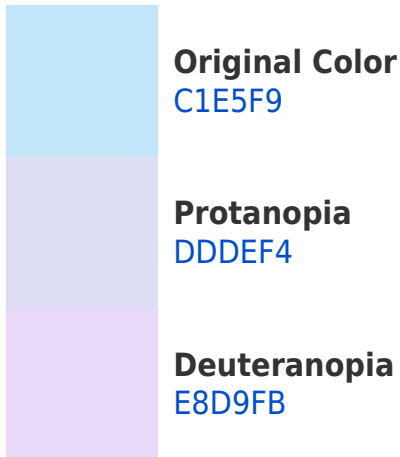


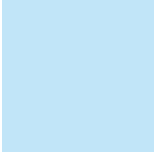
This preview shows how white text looks on a background with the Hex color C1E5F9.

# 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](#).

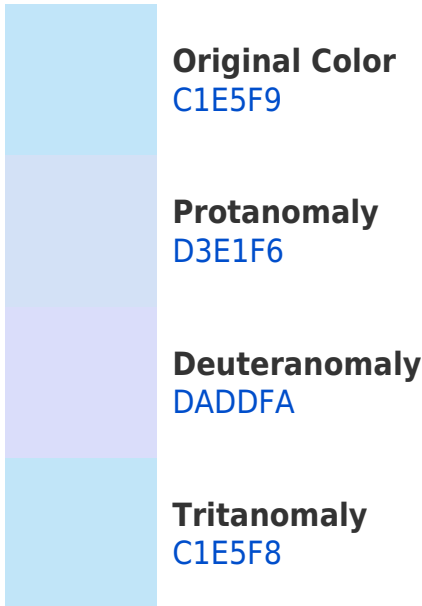
## Dichromacy



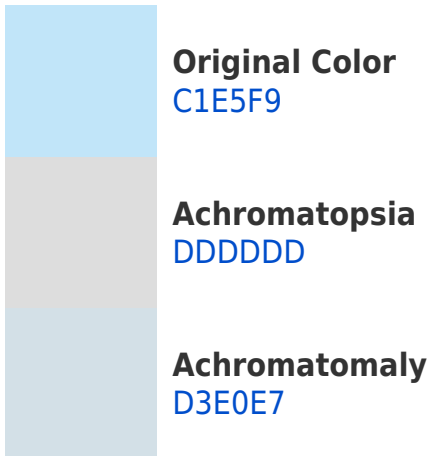


**Tritanopia**  
C1E5F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1E5F9 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 #C1E5F9 looks like.

```
.text, #text, p{  
    color:#C1E5F9  
}
```

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 #C1E5F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E5F9
}
```

## Border

The CSS property to change the border of an element to Hex C1E5F9 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
#C1E5F9 }
```

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

```
.border{ border-color:#C1E5F9 }
```

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

Here you see how a box with a 4 pixel #C1E5F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E5F9; -webkit-box-shadow:4px 4px  
4px 4px #C1E5F9; box-shadow:4px 4px 4px  
4px #C1E5F9 }
```

# Background

The CSS property to change the background color of an element to Hex C1E5F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E5F9 }
```

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

```
.background{ background-color:#C1E5F9 }
```

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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