

# Converting Colors

Hex(63C8F8)

Have a look what the booklet for  
Hex(63C8F8) contains.

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# **Color**

**Hex(63C8F8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63C8F8
RGB	99, 200, 248
RGB Percent	39%, 78%, 97%
CMY	0.6118, 0.2157, 0.0275
CMYK	0.60, 0.19, 0.00, 0.03
HSL	199°, 91%, 68%
HSV	199°, 60%, 97%
XYZ	42.7431, 50.7385, 96.3476
YIQ	175.2730, -75.6040, -6.4840

# Conversions

## Conversions Part 2

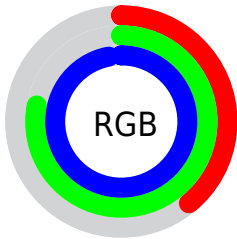
Format	Color
R <sub>Y</sub> B	99, 159, 248
Decimal	6539512
CIE Lab	76.52, -15.72, -32.49
CIE LCh	77, 36.097, 244.177
Yxy	50.7385, 0.2252, 0.2673
Android (android.graphics.Color)	4284729592 (0xFF63C8F8)
YUV	175.2730, 35.8544, -66.8914
Hunter-Lab	71.2310, -17.5428, -30.3345

# Details

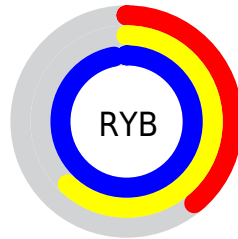
The Hex color **63C8F8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F89363**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A1FFFF**, and **0C92BF** is the 20% darker color. If you saturate the color by 10%, you get **4AC0F8**, and if you desaturate by 10%, it is **7CD0F8**.

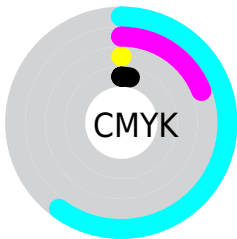
# Distribution



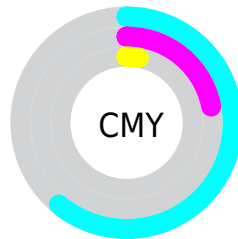
- Red (39%)
- Green (78%)
- Blue (97%)



- Red (39%)
- Yellow (62%)
- Blue (97%)



- Cyan (60%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (61%)
- Magenta (22%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63C8F8 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 63C8F8 by changing the saturation by 10% instead.



 63C8F8

 63C8F8

FFFFFF

 41ADDB

 A1FFFF

 0C92BF

 BFFFFFF

 0078A4

 DDFFFF

 00608A

 FCFFFF

 004870

 003157

 001E40

 00032A

 000114

■ 63C8F8

■ 63C8F8

■ 4AC0F8

■ 7CD0F8

■ 31B8F8

■ 95D8F8

■ 19B0F8

■ ADE0F8

■ 00A8F8

■ C6E8F8

■ DFF0F8

■ F8F8F8

■ FFFF8

# Harmonies

## Analogous

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



47CEE1



63C8F8



96BEFF

# Triad

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



63C8F8



FDA3B9



ABC685

# Complementary

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



63C8F8



F89363

# 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.



CFBC7A



63C8F8



FCA799

# Square

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



63C8F8



EBA8DA



ECB182



84CC9F

# Rectangle

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



63C8F8



B8B7FA



ECB182



B8C37F

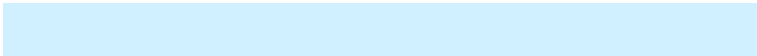


# Sweetspot

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



63C8F8



D1F0FF



63F892



637680



000000



808080



# Same Dimension

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



63C8F8



47C4FF



637EF8



70797D



0080BD



00293D



# Inverse Universe

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



F863C8



FF47C4



F8DD63



7D7079



BD0080

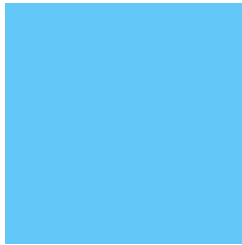


3D0029



# Previews

## White Background



This preview shows how the Hex color 63C8F8 looks on a white background.

## Color Contrast Check

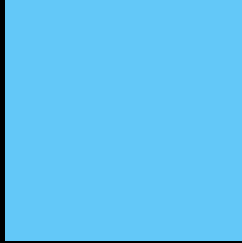
Large Text (above 18pt) WCAG AA × Fail

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 63C8F8 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

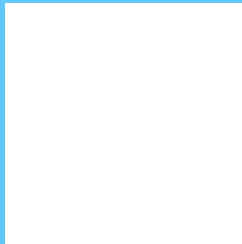
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63C8F8 Background



This preview shows how black text looks on a background with the Hex color 63C8F8.

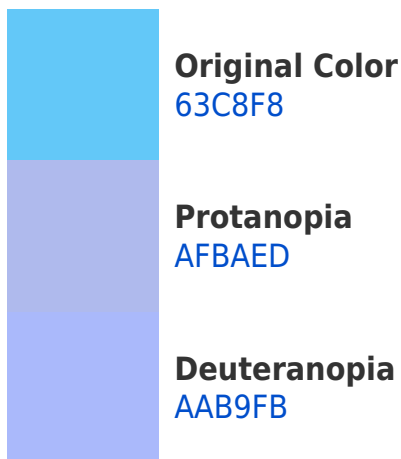


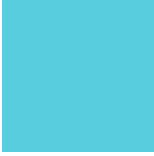
This preview shows how white text looks on a background with the Hex color 63C8F8.

# 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](#).

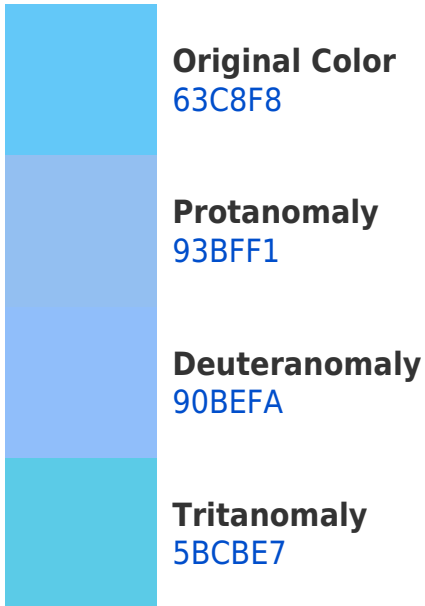
## Dichromacy



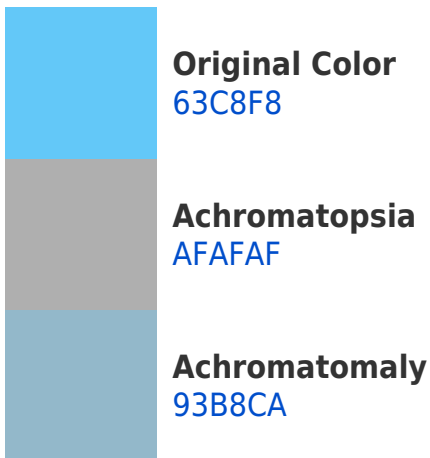


**Tritanopia**  
57CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63C8F8 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 #63C8F8 looks like.

```
.text, #text, p{  
    color:#63C8F8  
}
```

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 #63C8F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C8F8
}
```

## Border

The CSS property to change the border of an element to Hex 63C8F8 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
#63C8F8 }
```

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

```
.border{ border-color:#63C8F8 }
```

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

Here you see how a box with a 4 pixel #63C8F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C8F8; -webkit-box-shadow:4px 4px  
4px 4px #63C8F8; box-shadow:4px 4px 4px  
4px #63C8F8 }
```

# Background

The CSS property to change the background color of an element to Hex 63C8F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C8F8 }
```

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

```
.background{ background-color:#63C8F8 }
```

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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