

# Converting Colors

Hex(68C3FA)

Have a look what the booklet for  
Hex(68C3FA) contains.

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# **Color**

**Hex(68C3FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68C3FA
RGB	104, 195, 250
RGB Percent	41%, 76%, 98%
CMY	0.5922, 0.2353, 0.0196
CMYK	0.58, 0.22, 0.00, 0.02
HSL	203°, 94%, 69%
HSV	203°, 58%, 98%
XYZ	42.4793, 48.8754, 97.6375
YIQ	174.0610, -71.8910, -2.1870

# Conversions

## Conversions Part 2

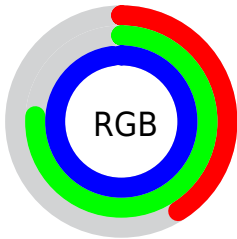
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	104, 160, 250
Decimal	6865914
CIELab	75.37, -11.57, -35.32
CIELCh	75, 37.169, 251.862
Yxy	48.8754, 0.2248, 0.2586
Android (android.graphics.Color)	4285055994 (0xFF68C3FA)
YUV	174.0610, 37.4379, -61.4435
Hunter-Lab	69.9109, -13.8838, -33.8666

# Details

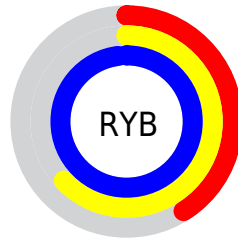
The Hex color **68C3FA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FA9F68**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A5FBFF**, and **1C8DC1** is the 20% darker color. If you saturate the color by 10%, you get **4FBAFA**, and if you desaturate by 10%, it is **81CCFA**.

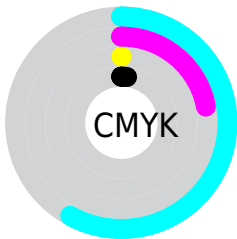
# Distribution



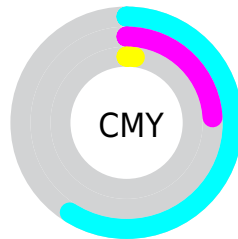
- Red (41%)
- Green (76%)
- Blue (98%)



- Red (41%)
- Yellow (63%)
- Blue (98%)



- Cyan (58%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (59%)
- Magenta (24%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68C3FA 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 68C3FA by changing the saturation by 10% instead.



 68C3FA

 68C3FA

FFFFFF

 47A8DD

 A5FBFF

 1C8DC1

 C3FFFF

 0074A6

 E1FFFF

 005B8B

 004472

 002E59

 001A41

 00032B

 000115

■ 68C3FA

■ 68C3FA

■ 4FBAFA

■ 81CCFA

■ 36B0FA

■ 9AD6FA

■ 1DA7FA

■ B3DFFA

■ 049DFA

■ CCE9FA

■ 009CFA

■ E5F2FA

■ FEFCFA

■ FFFFA

# Harmonies

## Analogous

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



3DCAE6



68C3FA



9FB8FC

# Triad

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



68C3FA



FDA0AD



9DC586

# Complementary

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



68C3FA



FA9F68

# 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.



C3BC76



68C3FA



F8A58E

# Square

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



68C3FA



F0A2D0



E3B079



74CBA3

# Rectangle

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



68C3FA



C1B0F4



E3B079



AAC27E

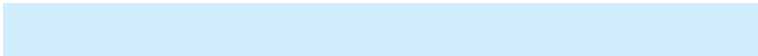


# Sweetspot

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



68C3FA



D1EEFF



68FA9E



637580



000000



808080



# Same Dimension

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



68C3FA



4DBCFF



687BFA



70787D



0076BD



00263D



# Inverse Universe

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



FA68C3



FF4DBC



FAE768



7D7078



BD0076



3D0026



# Previews

## White Background



This preview shows how the Hex color 68C3FA looks on a white background.

## Color Contrast Check

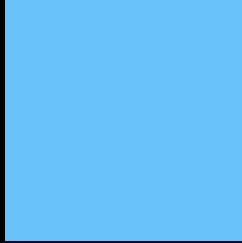
Large Text (above 18pt) WCAG AA × Fail

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 68C3FA 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

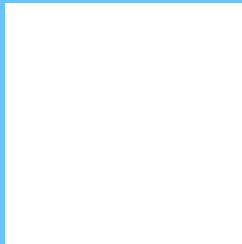
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 68C3FA Background



This preview shows how black text looks on a background with the Hex color 68C3FA.

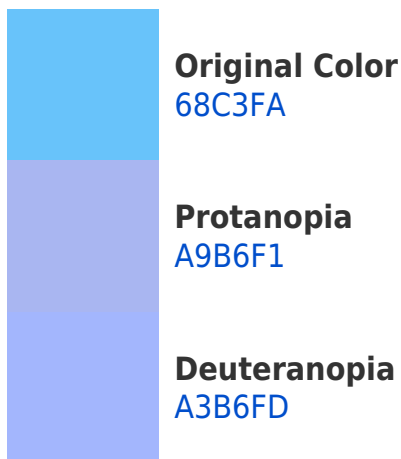


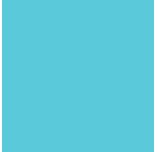
This preview shows how white text looks on a background with the Hex color 68C3FA.

# 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](#).

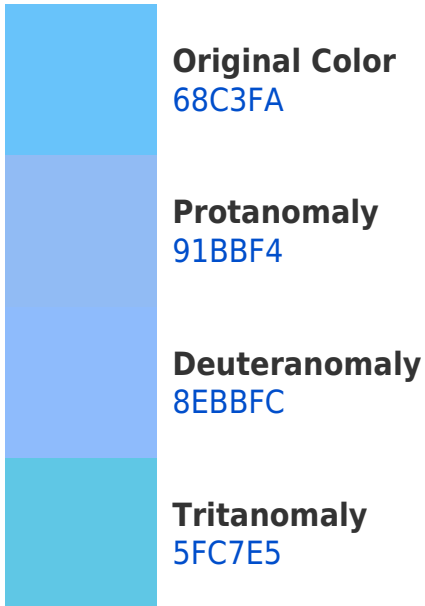
## Dichromacy



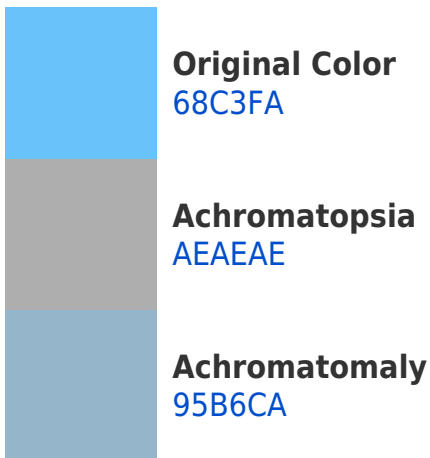


**Tritanopia**  
5AC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68C3FA 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 #68C3FA looks like.

```
.text, #text, p{  
    color:#68C3FA  
}
```

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 #68C3FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C3FA
}
```

## Border

The CSS property to change the border of an element to Hex 68C3FA 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
#68C3FA }
```

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

```
.border{ border-color:#68C3FA }
```

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

Here you see how a box with a 4 pixel #68C3FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C3FA; -webkit-box-shadow:4px 4px  
4px 4px #68C3FA; box-shadow:4px 4px 4px  
4px #68C3FA }
```

# Background

The CSS property to change the background color of an element to Hex 68C3FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C3FA }
```

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

```
.background{ background-color:#68C3FA }
```

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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