

# Converting Colors

Hex(6AC8F7)

Have a look what the booklet for  
Hex(6AC8F7) contains.

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# **Color**

**Hex(6AC8F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AC8F7
RGB	106, 200, 247
RGB Percent	42%, 78%, 97%
CMY	0.5843, 0.2157, 0.0314
CMYK	0.57, 0.19, 0.00, 0.03
HSL	200°, 90%, 69%
HSV	200°, 57%, 97%
XYZ	43.3866, 51.0881, 95.5700
YIQ	177.2520, -71.1110, -5.3110

# Conversions

## Conversions Part 2

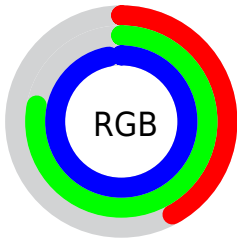
Format	Color
R <sub>Y</sub> B	106, 162, 247
Decimal	6998263
CIE Lab	76.73, -14.72, -31.61
CIE LCh	77, 34.870, 245.022
Yxy	51.0881, 0.2283, 0.2688
Android (android.graphics.Color)	4285188343 (0xFF6AC8F7)
YUV	177.2520, 34.3858, -62.4880
Hunter-Lab	71.4760, -16.7316, -29.2430

# Details

The Hex color **6AC8F7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F7996A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A6FFFF**, and **2292BE** is the 20% darker color. If you saturate the color by 10%, you get **51C0F7**, and if you desaturate by 10%, it is **83D0F7**.

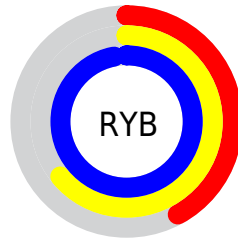
# Distribution



Red (42%)

Green (78%)

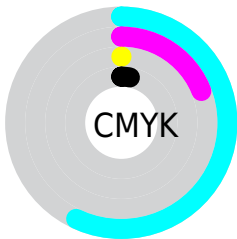
Blue (97%)



Red (42%)

Yellow (64%)

Blue (97%)

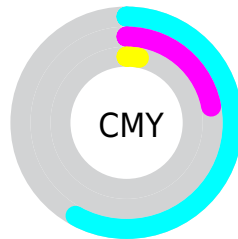


Cyan (57%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (58%)

Magenta (22%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AC8F7 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 6AC8F7 by changing the saturation by 10% instead.



 6AC8F7

 6AC8F7

FFFFFF

 4AADDA

 A6FFFF

 2292BE

 C4FFFF

 0078A3

 E3FFFF


 006089

 00486F

 003157

 001D3F

 000329

 000113

■ 6AC8F7

■ 6AC8F7

■ 51C0F7

■ 83D0F7

■ 39B8F7

■ 9BD8F7

■ 20AFF7

■ B4E1F7

■ 07A7F7

■ CDE9F7

■ 00A5F7

■ E5F1F7

■ FEF9F7

■ FFFFF7

# Harmonies

## Analogous

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



50CEE1



6AC8F7



9ABFFD

# Triad

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



6AC8F7



FCA5B9



ABC688

# Complementary

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



6AC8F7



F7996A

# 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.



CEBD7D



6AC8F7



FBA99A

# Square

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



6AC8F7



EBA9D9



EAB284



85CDA1

# Rectangle

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



6AC8F7



BAB7F8



EAB284



B8C482

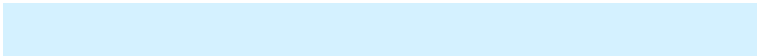


# Sweetspot

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



6AC8F7



D4F1FF



6AF799



667780



000000



808080



# Same Dimension

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



6AC8F7



4FC4FF



6A82F7



6E767A



007CBA



00273B



# Inverse Universe

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



F76AC8



FF4FC4



F7E06A



7A6E76



BA007C

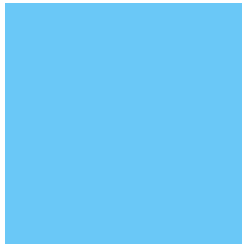


3B0027



# Previews

## White Background



This preview shows how the Hex color 6AC8F7 looks on a white background.

## Color Contrast Check

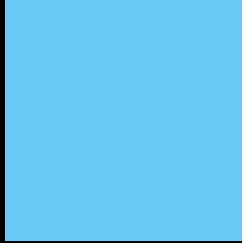
Large Text (above 18pt) WCAG AA × Fail

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 6AC8F7 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

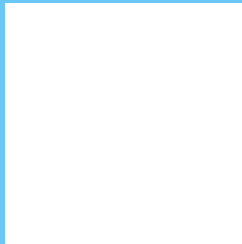
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6AC8F7 Background



This preview shows how black text looks on a background with the Hex color 6AC8F7.

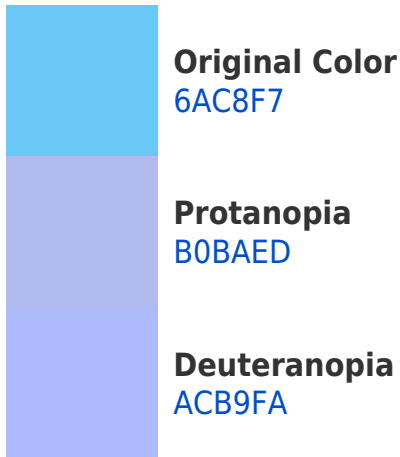


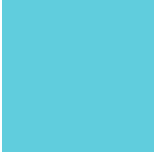
This preview shows how white text looks on a background with the Hex color 6AC8F7.

# 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](#).

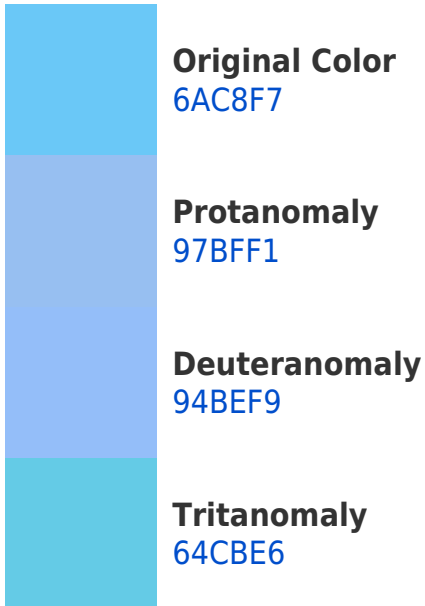
## Dichromacy



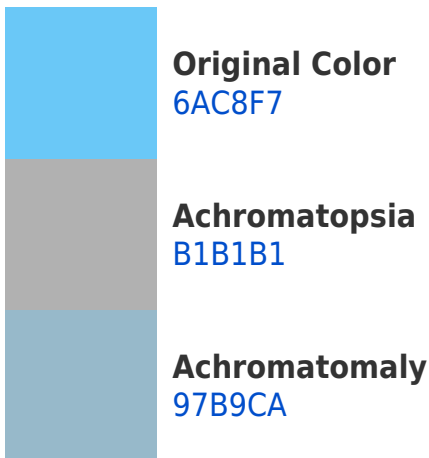


**Tritanopia**  
60CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AC8F7 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 #6AC8F7 looks like.

```
.text, #text, p{  
    color:#6AC8F7  
}
```

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 #6AC8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC8F7
}
```

## Border

The CSS property to change the border of an element to Hex 6AC8F7 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
#6AC8F7 }
```

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

```
.border{ border-color:#6AC8F7 }
```

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

Here you see how a box with a 4 pixel #6AC8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC8F7; -webkit-box-shadow:4px 4px  
4px 4px #6AC8F7; box-shadow:4px 4px 4px  
4px #6AC8F7 }
```

# Background

The CSS property to change the background color of an element to Hex 6AC8F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC8F7 }
```

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

```
.background{ background-color:#6AC8F7 }
```

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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