

Converting Colors

Hex(6AC9FB)

Have a look what the booklet for
Hex(6AC9FB) contains.

Hex(6AC9FB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AC9FB)

Conversions

Conversions Part 1

Format	Color
Hex	6AC9FB
RGB	106, 201, 251
RGB Percent	42%, 79%, 98%
CMY	0.5843, 0.2118, 0.0157
CMYK	0.58, 0.20, 0.00, 0.02
HSL	201°, 95%, 70%
HSV	201°, 58%, 98%
XYZ	44.2431, 51.8025, 98.9338
YIQ	178.2950, -72.6700, -4.5900

Conversions

Conversions Part 2

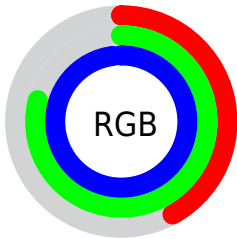
Format	Color
R _Y B	106, 163, 251
Decimal	6998523
CIE Lab	77.16, -14.06, -33.09
CIE LCh	77, 35.952, 246.974
Yxy	51.8025, 0.2269, 0.2657
Android (android.graphics.Color)	4285188603 (0xFF6AC9FB)
YUV	178.2950, 35.8436, -63.4027
Hunter-Lab	71.9739, -16.2287, -31.1170

Details

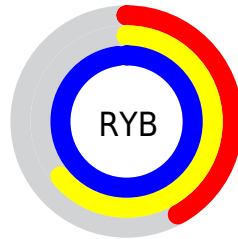
The Hex color **6AC9FB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FB9C6A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A7FFFF**, and **2093C2** is the 20% darker color. If you saturate the color by 10%, you get **51C0FB**, and if you desaturate by 10%, it is **83D2FB**.

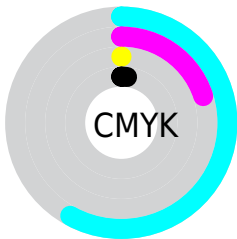
Distribution



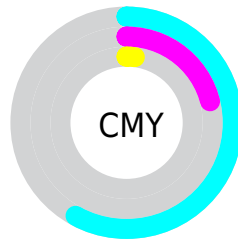
- Red (42%)
- Green (79%)
- Blue (98%)



- Red (42%)
- Yellow (64%)
- Blue (98%)



- Cyan (58%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (58%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC9FB 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 6AC9FB by changing the saturation by 10% instead.

 6AC9FB

 6AC9FB

FFFFFF

 49AEDE

 A7FFFF

 2093C2

 C5FFFF

 0079A7

 E3FFFF

 00608C

 004973

 00325A

 001E42

 00032C

 000116

■ 6AC9FB

■ 6AC9FB

■ 51C0FB

■ 83D2FB

■ 38B8FB

■ 9CDAFB

■ 1FAFFB

■ B5E3FB

■ 06A6FB

■ CEECFB

■ 00A4FB

■ E7F4FB

■ FFFDFB

■ FFFFFB

Harmonies

Analogous

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



4BCFE5



6AC9FB



9DBFFF

Triad

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



6AC9FB



FFA5B8



AAC888

Complementary

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



6AC9FB



FB9C6A

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.



CEBF7C



6AC9FB



FDAA98

Square

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



6AC9FB



EFA9D9



EBB482



82CFA3

Rectangle

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



6AC9FB



BEB7FA



EBB482



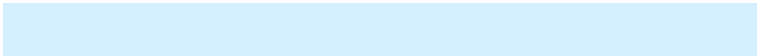
B6C682

Sweetspot

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



6AC9FB



D4F0FF



6AFB9A



667780



000000



808080

Same Dimension

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



6AC9FB



4FC2FF



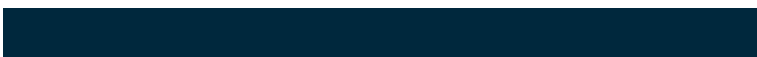
6A82FB



70797D



007CBD



00283D

Inverse Universe

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



FB6AC9



FF4FC2



FBE36A



7D7079



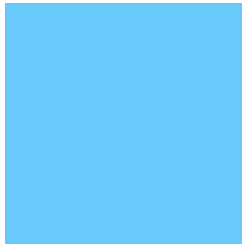
BD007C



3D0028

Previews

White Background



This preview shows how the Hex color 6AC9FB looks on a white background.

Color Contrast Check

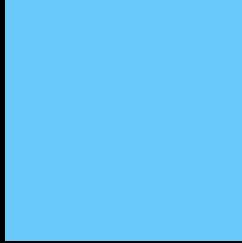
Large Text (above 18pt) WCAG AA × Fail

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 6AC9FB 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

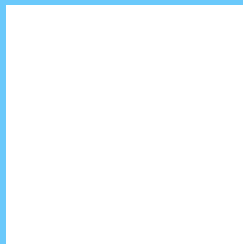
Any Text WCAG AAA ✓ Pass

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

Hex 6AC9FB Background



This preview shows how black text looks on a background with the Hex color 6AC9FB.



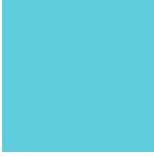
This preview shows how white text looks on a background with the Hex color 6AC9FB.

Color Blindness Simulation

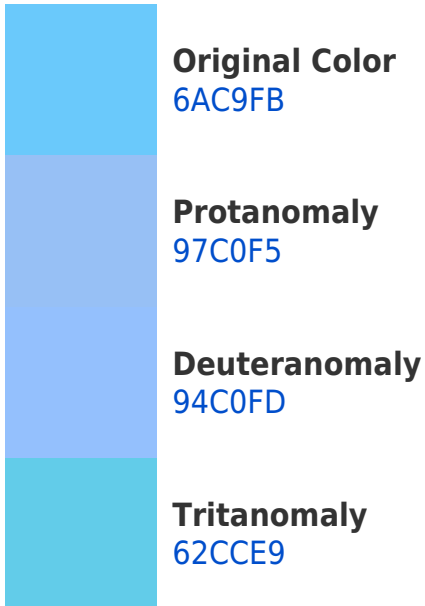
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

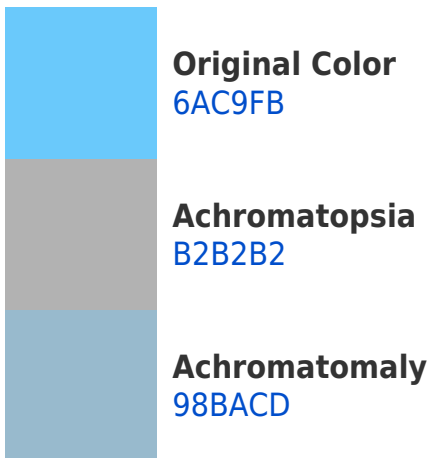




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC9FB 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 #6AC9FB looks like.

```
.text, #text, p{  
    color:#6AC9FB  
}
```

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 #6AC9FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC9FB  
}
```

Border

The CSS property to change the border of an element to Hex 6AC9FB 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  
#6AC9FB }
```

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

```
.border{ border-color:#6AC9FB }
```

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

Here you see how a box with a 4 pixel #6AC9FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC9FB; -webkit-box-shadow:4px 4px  
4px 4px #6AC9FB; box-shadow:4px 4px 4px  
4px #6AC9FB }
```

Background

The CSS property to change the background color of an element to Hex 6AC9FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC9FB }
```

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

```
.background{ background-color:#6AC9FB }
```

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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