

Converting Colors

Hex(6A9CFF)

Have a look what the booklet for
Hex(6A9CFF) contains.

Hex(6A9CFF)	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(6A9CFF)

Conversions

Conversions Part 1

Format	Color
Hex	6A9CFF
RGB	106, 156, 255
RGB Percent	42%, 61%, 100%
CMY	0.5843, 0.3882, 0.0000
CMYK	0.58, 0.39, 0.00, 0.00
HSL	220°, 100%, 71%
HSV	220°, 58%, 100%
XYZ	35.8823, 34.0611, 99.2910
YIQ	152.3360, -61.5790, 20.1890

Conversions

Conversions Part 2

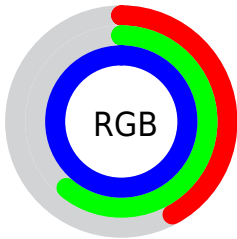
Format	Color
RYB	106, 143, 255
Decimal	6987007
CIELab	65.01, 12.18, -54.27
CIELCh	65, 55.622, 282.653
Yxy	34.0611, 0.2120, 0.2013
Android (android.graphics.Color)	4285177087 (0xFF6A9CFF)
YUV	152.3360, 50.6134, -40.6367
Hunter-Lab	58.3619, 7.6129, -60.0167

Details

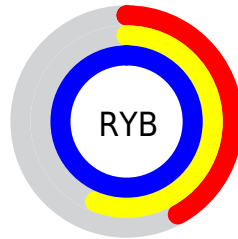
The Hex color **6A9CFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFCD6A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A7D2FF**, and **2069C6** is the 20% darker color. If you saturate the color by 10%, you get **518BFF**, and if you desaturate by 10%, it is **84ADFF**.

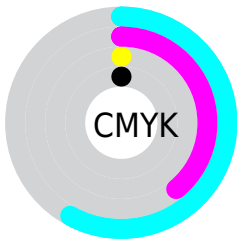
Distribution



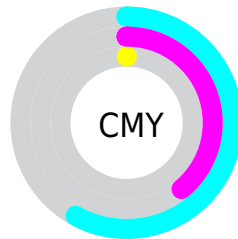
- Red (42%)
- Green (61%)
- Blue (100%)



- Red (42%)
- Yellow (56%)
- Blue (100%)



- Cyan (58%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A9CFF 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 6A9CFF by changing the saturation by 10% instead.

 6A9CFF

 6A9CFF

FFFFFF

 4982E2

 A7D2FF

 2069C6

 C5EEFF

 0052AA

 E3FFFF


 003B8F

 002775

 00135C

 000743

 00032C

 000116

■ 6A9CFF

■ 6A9CFF

■ 518BFF

■ 84ADFF

■ 377AFF

■ 9DBEFF

■ 1E69FF

■ B7CFFF

■ 0458FF

■ D0E0FF

■ 0056FF

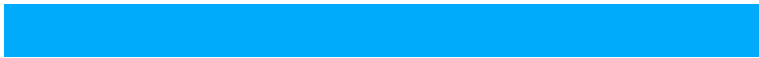
■ EAF1FF

FFFFFF

Harmonies

Analogous

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



00ABFC



6A9CFF



BC88E7

Triad

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



6A9CFF



EF7E5D



00B47E

Complementary

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



6A9CFF



FFCD6A

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.



6EAE51



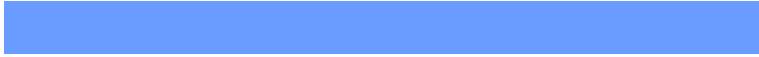
6A9CFF



D1913C

Square

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



6A9CFF



FA728B



A5A236



00B6B2

Rectangle

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



6A9CFF



DE7BCC



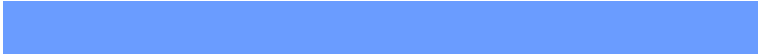
A5A236



38B36E

Sweetspot

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



6A9CFF



D1E1FF



6AFFCB



636D80



000000



808080

Same Dimension

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



6A9CFF



4D88FF



806AFF



737780



0040BF



001540

Inverse Universe

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



FF6A9C



FF4D88



E9FF6A



807377



BF0040



400015

Previews

White Background



This preview shows how the Hex color 6A9CFF looks on a white background.

Color Contrast Check

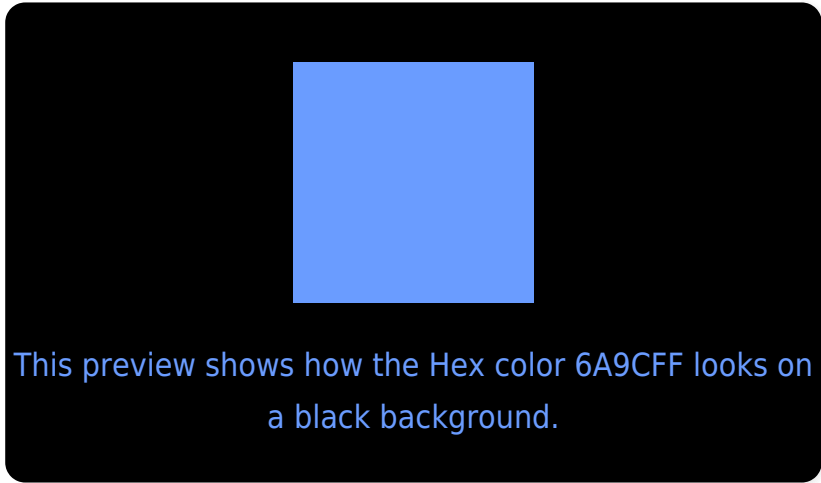
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

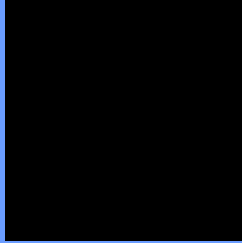
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

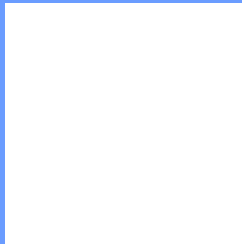
Any Text WCAG AAA ✓ Pass

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

Hex 6A9CFF Background



This preview shows how black text looks on a background with the Hex color 6A9CFF.

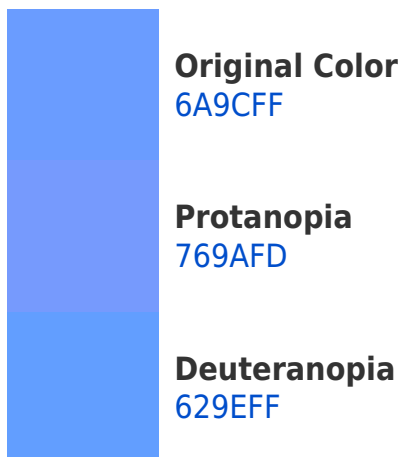


This preview shows how white text looks on a background with the Hex color 6A9CFF.

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](#).

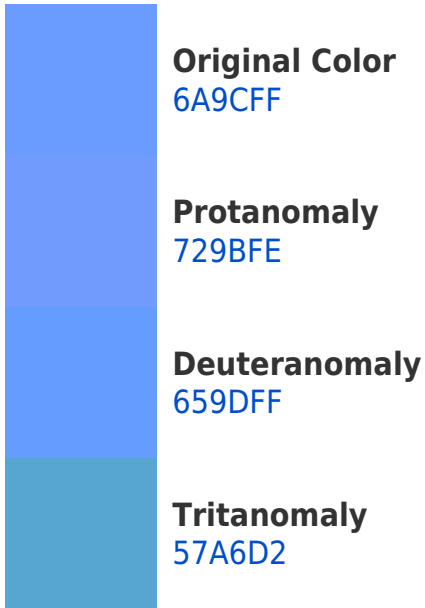
Dichromacy



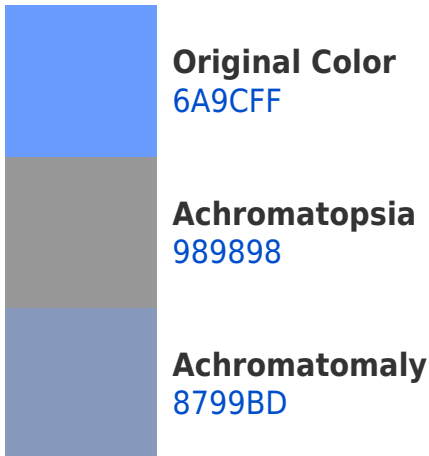


Tritanopia
4CABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A9CFF 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 #6A9CFF looks like.

```
.text, #text, p{  
    color:#6A9CFF  
}
```

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 #6A9CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9CFF
}
```

Border

The CSS property to change the border of an element to Hex 6A9CFF 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
#6A9CFF }
```

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

```
.border{ border-color:#6A9CFF }
```

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

Here you see how a box with a 4 pixel #6A9CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9CFF; -webkit-box-shadow:4px 4px  
4px 4px #6A9CFF; box-shadow:4px 4px 4px  
4px #6A9CFF }
```

Background

The CSS property to change the background color of an element to Hex 6A9CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9CFF }
```

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

```
.background{ background-color:#6A9CFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor