

Converting Colors

Hex(6ACAFF)

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

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Color

Hex(6ACAFF)

Conversions

Conversions Part 1

Format	Color
Hex	6ACAFF
RGB	106, 202, 255
RGB Percent	42%, 79%, 100%
CMY	0.5843, 0.2078, 0.0000
CMYK	0.58, 0.21, 0.00, 0.00
HSL	201°, 100%, 71%
HSV	201°, 58%, 100%
XYZ	45.1144, 52.5252, 102.3683
YIQ	179.3380, -74.2290, -3.8690

Conversions

Conversions Part 2

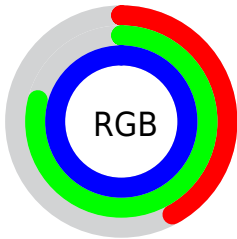
Format	Color
R _Y B	106, 164, 255
Decimal	6998783
CIE Lab	77.59, -13.39, -34.56
CIE LCh	78, 37.065, 248.816
Yxy	52.5252, 0.2256, 0.2626
Android (android.graphics.Color)	4285188863 (0xFF6ACAFF)
YUV	179.3380, 37.3014, -64.3174
Hunter-Lab	72.4743, -15.7159, -33.0138

Details

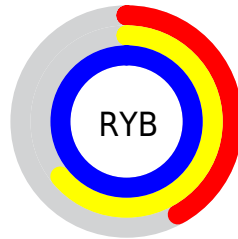
The Hex color **6ACAFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9F6A**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A7FFFF**, and **1E94C6** is the 20% darker color. If you saturate the color by 10%, you get **51C1FF**, and if you desaturate by 10%, it is **84D3FF**.

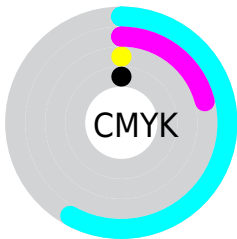
Distribution



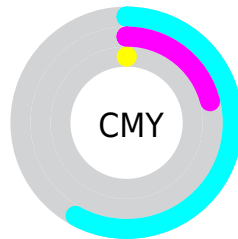
- Red (42%)
- Green (79%)
- Blue (100%)



- Red (42%)
- Yellow (64%)
- Blue (100%)



- Cyan (58%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 6ACAFF

 6ACAFF

FFFFFF

 49AFE2

 A7FFFF

 1E94C6

 C5FFFF

 007AAB

 E4FFFF

 006190

 004A76

 00335D

 001F45

 00042F

 000119

■ 6ACAFF

■ 6ACAFF

■ 51C1FF

■ 84D3FF

■ 37B8FF

■ 9DDCFF

■ 1EAFFF

■ B7E5FF

■ 04A6FF

■ D0EEFF

■ 00A4FF

■ EAF7FF

FFFFFF

Harmonies

Analogous

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



45D0EA



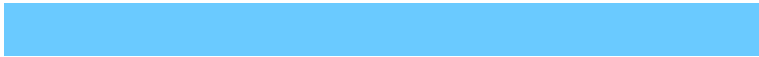
6ACAFF



A0C0FF

Triad

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



6ACAFF



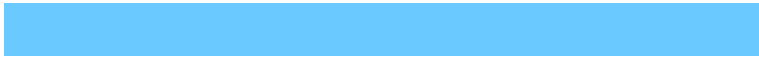
FFA6B7



A7CA89

Complementary

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



6ACAFF



FF9F6A

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.



CDC17B



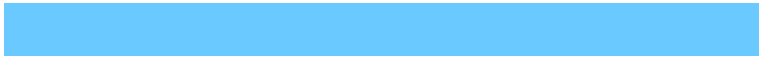
6ACAFF



FFAB96

Square

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



6ACAFF



F4A9D9



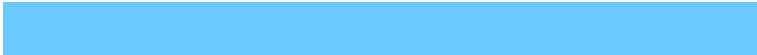
ECB580



7ED0A6

Rectangle

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



6ACAFF



C2B7FC



ECB580



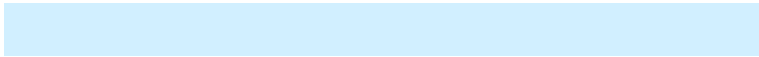
B5C883

Sweetspot

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



6ACAFF



D1EFFF



6AFF9E



637680



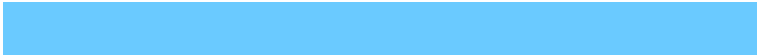
000000



808080

Same Dimension

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



6ACAFF



4DC0FF



6A80FF



737B80



007BBF



002940

Inverse Universe

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



FF6ACA



FF4DC0



FFE96A



80737B



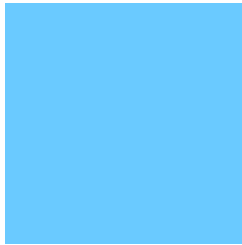
BF007B



400029

Previews

White Background



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

Color Contrast Check

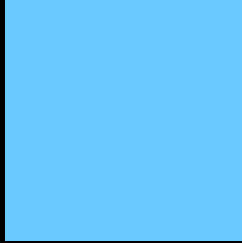
Large Text (above 18pt) WCAG AA × Fail

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 6ACAFF 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

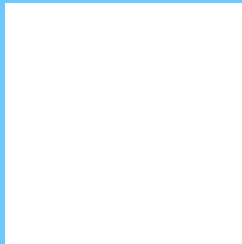
Any Text WCAG AAA ✓ Pass

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

Hex 6ACAFF Background



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

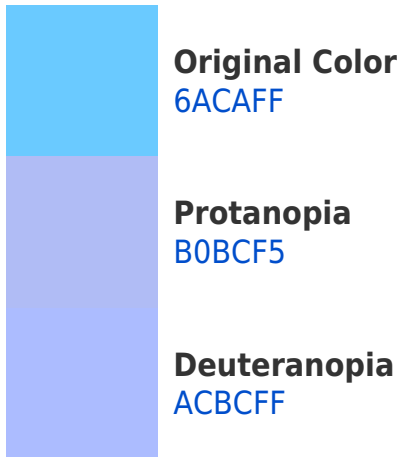


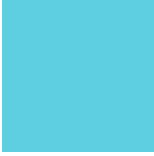
This preview shows how white text looks on a background with the Hex color 6ACAFF.

Color Blindness Simulation

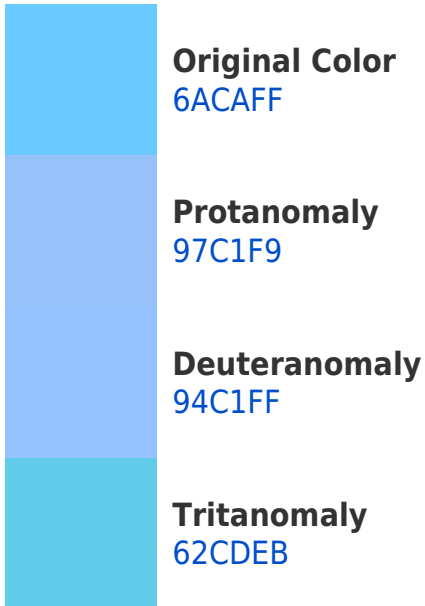
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

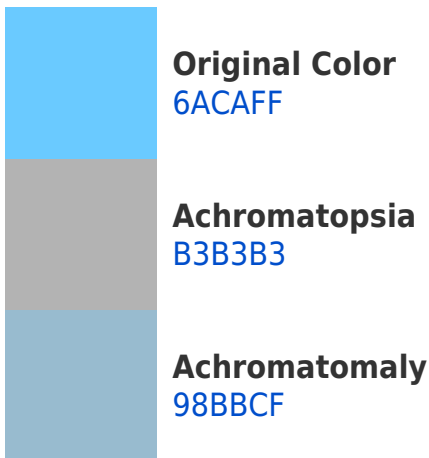




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6ACAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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