

Converting Colors

Hex(6AC3FF)

Have a look what the booklet for
Hex(6AC3FF) contains.

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Color

Hex(6AC3FF)

Conversions

Conversions Part 1

Format	Color
Hex	6AC3FF
RGB	106, 195, 255
RGB Percent	42%, 76%, 100%
CMY	0.5843, 0.2353, 0.0000
CMYK	0.58, 0.24, 0.00, 0.00
HSL	204°, 100%, 71%
HSV	204°, 58%, 100%
XYZ	43.5090, 49.3144, 101.8332
YIQ	175.2290, -72.3040, -0.2080

Conversions

Conversions Part 2

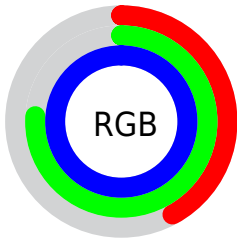
Format	Color
R _Y B	106, 162, 255
Decimal	6996991
CIE Lab	75.65, -9.68, -37.58
CIE LCh	76, 38.803, 255.550
Yxy	49.3144, 0.2235, 0.2533
Android (android.graphics.Color)	4285187071 (0xFF6AC3FF)
YUV	175.2290, 39.3271, -60.7138
Hunter-Lab	70.2242, -12.2987, -36.8204

Details

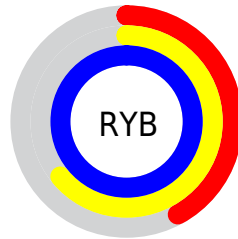
The Hex color **6AC3FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA66A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A7FBFF**, and **1F8DC6** is the 20% darker color. If you saturate the color by 10%, you get **51B9FF**, and if you desaturate by 10%, it is **84CDFF**.

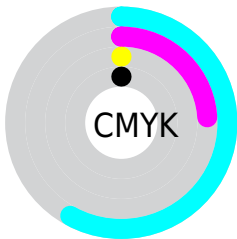
Distribution



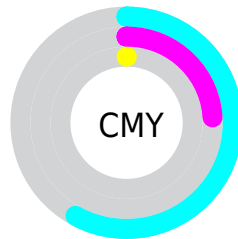
- Red (42%)
- Green (76%)
- Blue (100%)



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



- Cyan (58%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC3FF 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 6AC3FF by changing the saturation by 10% instead.

 6AC3FF

 6AC3FF

FFFFFF

 49A8E2

 A7FBFF

 1F8DC6

 C5FFFF

 0074AB

 E4FFFF

 005C90

 004476

 002E5D

 001A45

 00042E

 000119

■ 6AC3FF

■ 6AC3FF

■ 51B9FF

■ 84CDFF

■ 37AEFF

■ 9DD8FF

■ 1EA4FF

■ B7E2FF

■ 049AFF

■ D0ECFF

■ 0098FF

■ EAF6FF

FFFFFF

Harmonies

Analogous

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



34CBEC



6AC3FF



A5B7FF

Triad

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



6AC3FF



FF9FA9



97C787

Complementary

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



6AC3FF



FFA66A

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.



C0BE74



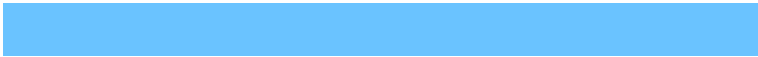
6AC3FF



F9A689

Square

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



6AC3FF



F5A1CD



E2B275



6BCCA7

Rectangle

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



6AC3FF



C7AFF5



E2B275



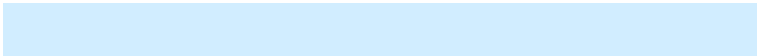
A5C57F

Sweetspot

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



6AC3FF



D1EDFF



6AFFA6



637480



000000



808080

Same Dimension

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



6AC3FF



4DB7FF



6A79FF



737A80



0072BF



002640

Inverse Universe

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



FF6AC3



FF4DB7



FFF06A



80737A



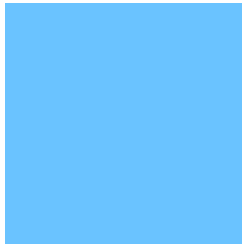
BF0072



400026

Previews

White Background



This preview shows how the Hex color 6AC3FF looks on a white background.

Color Contrast Check

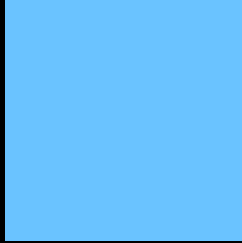
Large Text (above 18pt) WCAG AA × Fail

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 6AC3FF 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

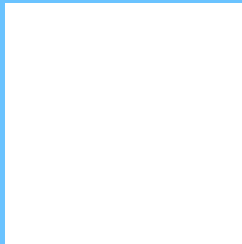
Any Text WCAG AAA ✓ Pass

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

Hex 6AC3FF Background



This preview shows how black text looks on a background with the Hex color 6AC3FF.

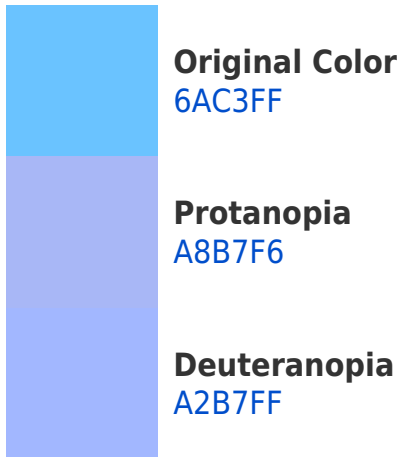


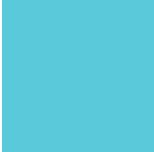
This preview shows how white text looks on a background with the Hex color 6AC3FF.

Color Blindness Simulation

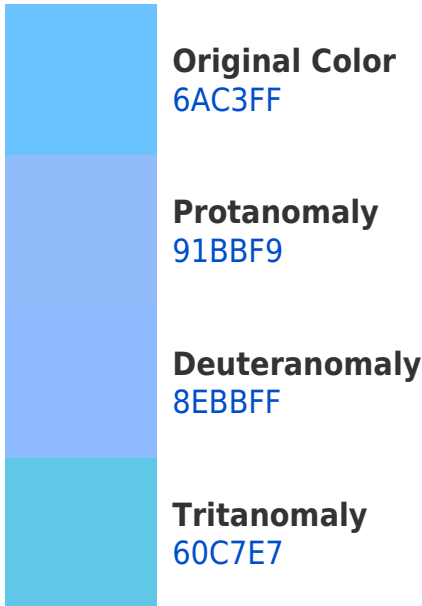
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

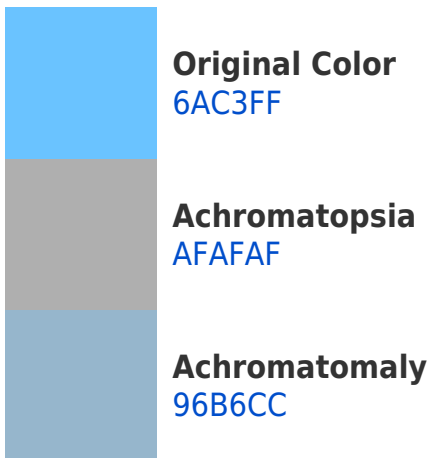




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC3FF 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 #6AC3FF looks like.

```
.text, #text, p{  
    color:#6AC3FF  
}
```

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 #6AC3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC3FF
}
```

Border

The CSS property to change the border of an element to Hex 6AC3FF 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
#6AC3FF }
```

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

```
.border{ border-color:#6AC3FF }
```

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

Here you see how a box with a 4 pixel #6AC3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC3FF; -webkit-box-shadow:4px 4px  
4px 4px #6AC3FF; box-shadow:4px 4px 4px  
4px #6AC3FF }
```

Background

The CSS property to change the background color of an element to Hex 6AC3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC3FF }
```

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

```
.background{ background-color:#6AC3FF }
```

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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