

Converting Colors

Hex(6AC0FF)

Have a look what the booklet for
Hex(6AC0FF) contains.

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Color

Hex(6AC0FF)

Conversions

Conversions Part 1

Format	Color
Hex	6AC0FF
RGB	106, 192, 255
RGB Percent	42%, 75%, 100%
CMY	0.5843, 0.2471, 0.0000
CMYK	0.58, 0.25, 0.00, 0.00
HSL	205°, 100%, 71%
HSV	205°, 58%, 100%
XYZ	42.8435, 47.9834, 101.6114
YIQ	173.4680, -71.4790, 1.3610

Conversions

Conversions Part 2

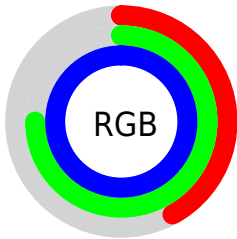
Format	Color
R _Y B	106, 161, 255
Decimal	6996223
CIE Lab	74.81, -8.07, -38.87
CIE LCh	75, 39.697, 258.269
Yxy	47.9834, 0.2226, 0.2493
Android (android.graphics.Color)	4285186303 (0xFF6AC0FF)
YUV	173.4680, 40.1953, -59.1694
Hunter-Lab	69.2701, -10.8205, -38.4827

Details

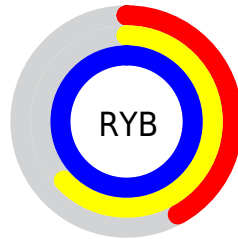
The Hex color **6AC0FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA96A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A7F8FF**, and **1F8BC6** is the 20% darker color. If you saturate the color by 10%, you get **51B5FF**, and if you desaturate by 10%, it is **84CBFF**.

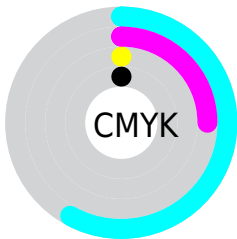
Distribution



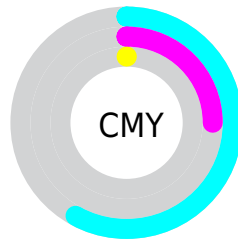
- Red (42%)
- Green (75%)
- Blue (100%)



- Red (42%)
- Yellow (63%)
- Blue (100%)



- Cyan (58%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC0FF 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 6AC0FF by changing the saturation by 10% instead.

 6AC0FF

 6AC0FF

FFFFFF

 49A5E2

 A7F8FF

 1F8BC6

 C5FFFF

 0071AB

 E3FFFF

 005990

 004276

 002C5D

 001845

 00042E

 000118

■ 6AC0FF

■ 6AC0FF

■ 51B5FF

■ 84CBFF

■ 37A0FF

■ 9DD6FF

■ 1EA0FF

■ B7E0FF

■ 0495FF

■ D0EBFF

■ 0093FF

■ EAF6FF

FFFFFF

Harmonies

Analogous

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



2AC8EE



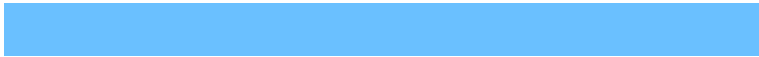
6AC0FF



A7B4FD

Triad

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



6AC0FF



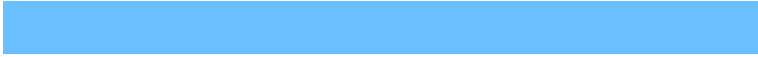
FF9CA3



90C686

Complementary

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



6AC0FF



FFA96A

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.



BABD72



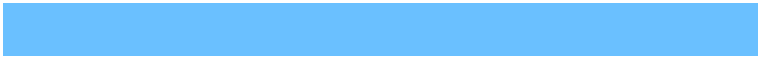
6AC0FF



F6A583

Square

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



6AC0FF



F69DC8



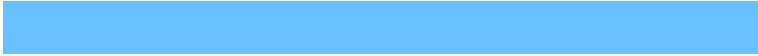
DDB171



61CBA8

Rectangle

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



6AC0FF



CAABF2



DDB171



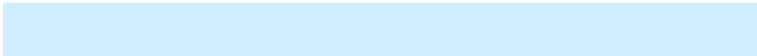
9FC37D

Sweetspot

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



6AC0FF



D1ECFF



6AFFA8



637480



000000



808080

Same Dimension

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



6AC0FF



4DB4FF



6A76FF



737A80



006EBF



002540

Inverse Universe

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



FF6AC0



FF4DB4



FFF36A



80737A



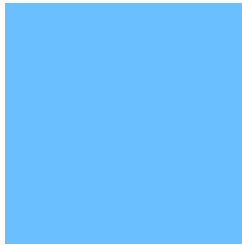
BF006E



400025

Previews

White Background



This preview shows how the Hex color 6AC0FF looks on a white background.

Color Contrast Check

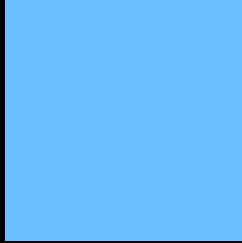
Large Text (above 18pt) WCAG AA × Fail

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 6AC0FF 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

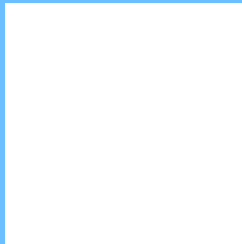
Any Text WCAG AAA ✓ Pass

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

Hex 6AC0FF Background



This preview shows how black text looks on a background with the Hex color 6AC0FF.

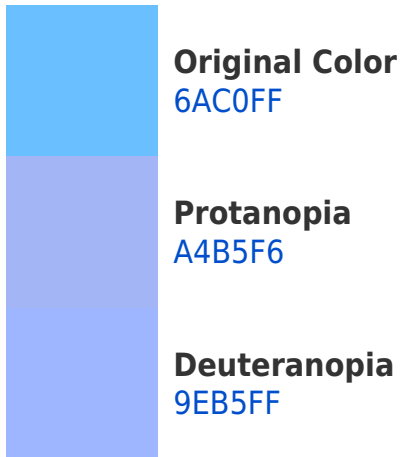


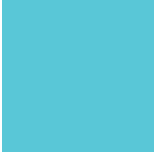
This preview shows how white text looks on a background with the Hex color 6AC0FF.

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](#).

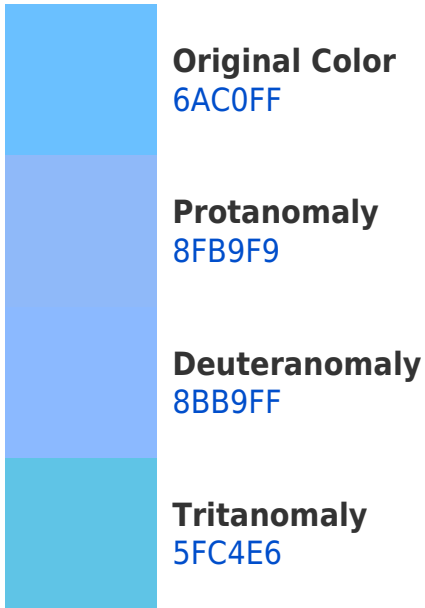
Dichromacy



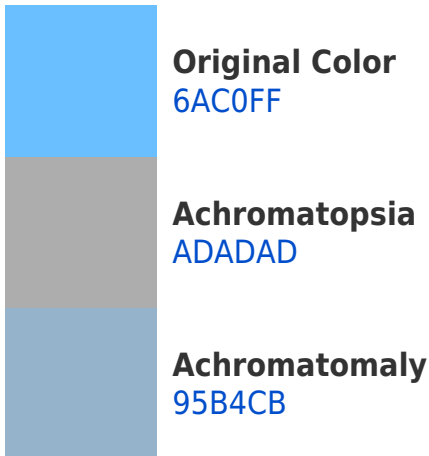


Tritanopia
59C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC0FF 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 #6AC0FF looks like.

```
.text, #text, p{  
    color:#6AC0FF  
}
```

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 #6AC0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC0FF  
}
```

Border

The CSS property to change the border of an element to Hex 6AC0FF 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  
#6AC0FF }
```

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

```
.border{ border-color:#6AC0FF }
```

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

Here you see how a box with a 4 pixel #6AC0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC0FF; -webkit-box-shadow:4px 4px  
4px 4px #6AC0FF; box-shadow:4px 4px 4px  
4px #6AC0FF }
```

Background

The CSS property to change the background color of an element to Hex 6AC0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC0FF }
```

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

```
.background{ background-color:#6AC0FF }
```

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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