

Converting Colors

Hex(5AC0FF)

Have a look what the booklet for
Hex(5AC0FF) contains.

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Color

Hex(5AC0FF)

Conversions

Conversions Part 1

Format	Color
Hex	5AC0FF
RGB	90, 192, 255
RGB Percent	35%, 75%, 100%
CMY	0.6471, 0.2471, 0.0000
CMYK	0.65, 0.25, 0.00, 0.00
HSL	203°, 100%, 68%
HSV	203°, 65%, 100%
XYZ	41.1161, 47.0929, 101.5305
YIQ	168.6840, -81.0150, -2.0310

Conversions

Conversions Part 2

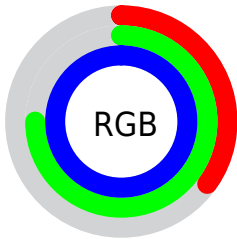
Format	Color
RYB	90, 153, 255
Decimal	5947647
CIELab	74.25, -10.86, -39.79
CIELCh	74, 41.246, 254.737
Yxy	47.0929, 0.2167, 0.2482
Android (android.graphics.Color)	4284137727 (0xFF5AC0FF)
YUV	168.6840, 42.5538, -69.0059
Hunter-Lab	68.6243, -13.1446, -39.6833

Details

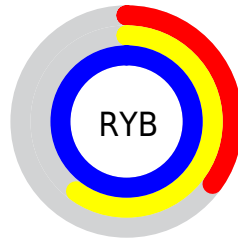
The Hex color **5AC0FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF995A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9AF8FF**, and **008BC6** is the 20% darker color. If you saturate the color by 10%, you get **41B6FF**, and if you desaturate by 10%, it is **74CAFF**.

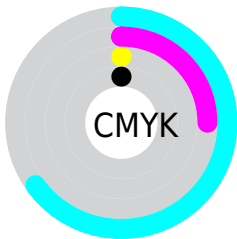
Distribution



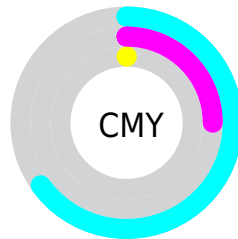
- Red (35%)
- Green (75%)
- Blue (100%)



- Red (35%)
- Yellow (60%)
- Blue (100%)



- Cyan (65%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC0FF 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 5AC0FF by changing the saturation by 10% instead.

 5AC0FF

 5AC0FF

FFFFFF

 34A5E2

 9AF8FF

 008BC6

 B9FFFF

 0071AA

 D7FFFF

 005990

 F6FFFF

 004276

 002C5D

 001845

 00042E

 000118

■ 5AC0FF

■ 5AC0FF

■ 41B6FF

■ 74CAFF

■ 27ADFF

■ 8DD3FF

■ 0EA3FF

■ A7DDFF

■ 009EFF

■ C0E7FF

■ DAF1FF

■ F3FAFF

FFFFFF

Harmonies

Analogous

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



00C8EB



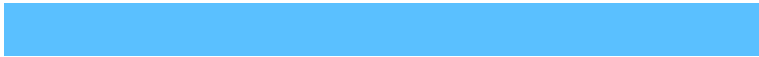
5AC0FF



9EB4FF

Triad

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



5AC0FF



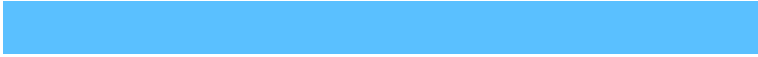
FF99A5



92C47F

Complementary

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



5AC0FF



FF995A

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.



BDBA6C



5AC0FF



F8A183

Square

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



5AC0FF



F49BCC



E0AE6E



61C9A1

Rectangle

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



5AC0FF



C3ABF5



E0AE6E



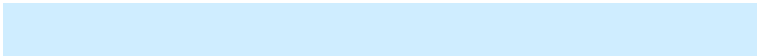
A1C177

Sweetspot

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



5AC0FF



CFEDFF



5AFF97



627480



000000



808080

Same Dimension

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



5AC0FF



38B3FF



5A70FF



737B80



0076BF



002740

Inverse Universe

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



FF5AC0



FF38B3



FFE95A



80737B



BF0076



400027

Previews

White Background



This preview shows how the Hex color 5AC0FF looks on a white background.

Color Contrast Check

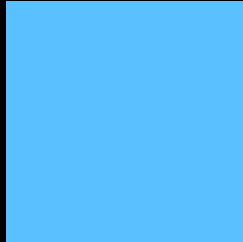
Large Text (above 18pt) WCAG AA × Fail

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 5AC0FF 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

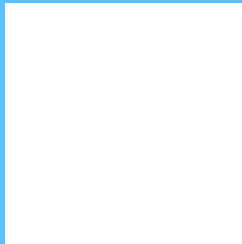
Any Text WCAG AAA ✓ Pass

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

Hex 5AC0FF Background



This preview shows how black text looks on a background with the Hex color 5AC0FF.

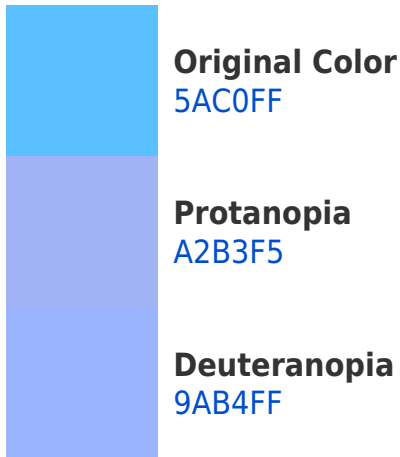


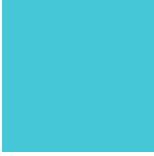
This preview shows how white text looks on a background with the Hex color 5AC0FF.

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](#).

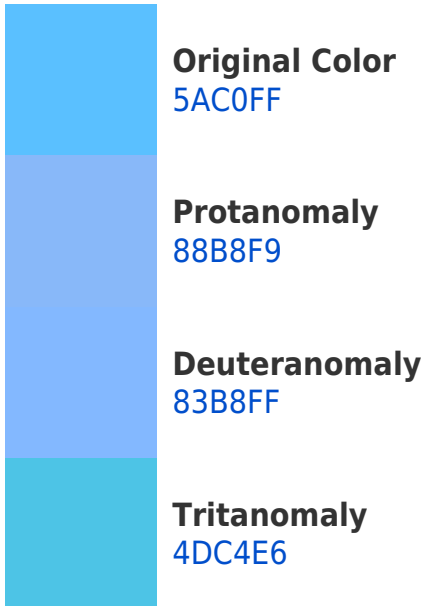
Dichromacy



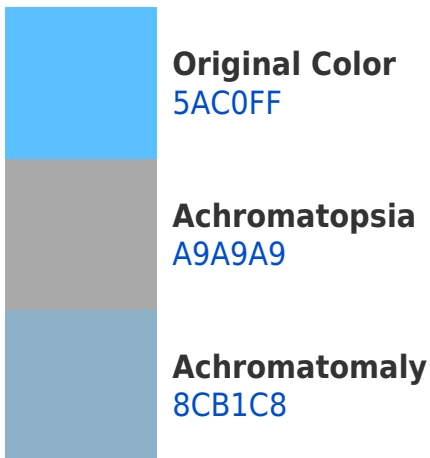


Tritanopia
45C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC0FF 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 #5AC0FF looks like.

```
.text, #text, p{  
    color:#5AC0FF  
}
```

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 #5AC0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC0FF
}
```

Border

The CSS property to change the border of an element to Hex 5AC0FF 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
#5AC0FF }
```

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

```
.border{ border-color:#5AC0FF }
```

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

Here you see how a box with a 4 pixel #5AC0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC0FF; -webkit-box-shadow:4px 4px  
4px 4px #5AC0FF; box-shadow:4px 4px 4px  
4px #5AC0FF }
```

Background

The CSS property to change the background color of an element to Hex 5AC0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC0FF }
```

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

```
.background{ background-color:#5AC0FF }
```

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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