

Converting Colors

Hex(5ADCFF)

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

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Color

Hex(5ADCFF)

Conversions

Conversions Part 1

Format	Color
Hex	5ADCFF
RGB	90, 220, 255
RGB Percent	35%, 86%, 100%
CMY	0.6471, 0.1373, 0.0000
CMYK	0.65, 0.14, 0.00, 0.00
HSL	193°, 100%, 68%
HSV	193°, 65%, 100%
XYZ	47.8596, 60.5801, 103.7784
YIQ	185.1200, -88.7150, -16.6750

Conversions

Conversions Part 2

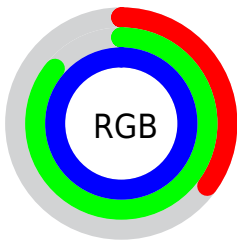
Format	Color
RYB	90, 163, 255
Decimal	5954815
CIELab	82.15, -25.29, -27.60
CIELCh	82, 37.430, 227.500
Yxy	60.5801, 0.2255, 0.2855
Android (android.graphics.Color)	4284144895 (0xFF5ADCFF)
YUV	185.1200, 34.4508, -83.4202
Hunter-Lab	77.8332, -26.4484, -24.5707

Details

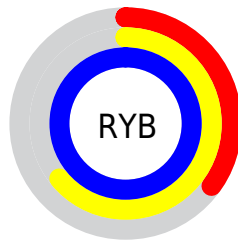
The Hex color **5ADCFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF7D5A**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9BFFFF**, and **00A5C6** is the 20% darker color. If you saturate the color by 10%, you get **41D7FF**, and if you desaturate by 10%, it is **74E1FF**.

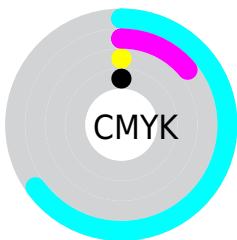
Distribution



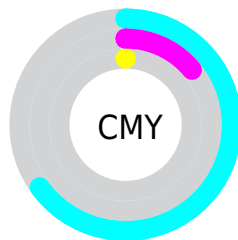
- Red (35%)
- Green (86%)
- Blue (100%)



- Red (35%)
- Yellow (64%)
- Blue (100%)



- Cyan (65%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 5ADCFF

 5ADCFF

FFFFFF

 32C0E2

 9BFFFF

 00A5C6

 BAF0FF

 008AAB

 D9FFFF

 007190

 F9FFFF

 005876

 00405E

 002A46

 00112F

 00011A

■ 5ADCFF

■ 5ADCFF

■ 41D7FF

■ 74E1FF

■ 27D1FF

■ 8DE7FF

■ 0ECCFF

■ A7ECFF

■ 00C9FF

■ C0F2FF

■ DAF7FF

■ F3FCFF

FFFFFF

Harmonies

Analogous

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



5ADFE0



5ADCFF



86D4FF

Triad

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



5ADCFF



FFB3DD



D0D189

Complementary

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



5ADCFF



FF7D5A

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.



F2C588



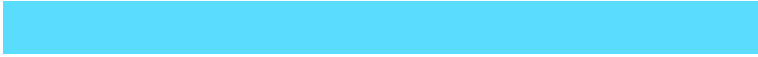
5ADCFF



FFB2B9

Square

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



5ADCFF



EABCFC



FFBA9A



A8DA9C

Rectangle

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



5ADCFF



AACDFF



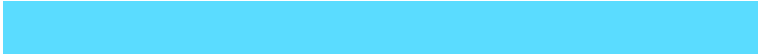
FFBA9A



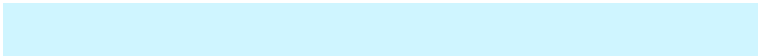
DCCD86

Sweetspot

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



5ADCFF



CFF5FF



5AFF7B



627980



000000



808080

Same Dimension

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



5ADCFF



38D5FF



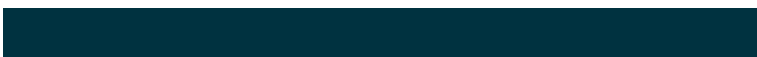
5A8BFF



737D80



0097BF



003240

Inverse Universe

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



FF5ADC



FF38D5



FFCE5A



80737D



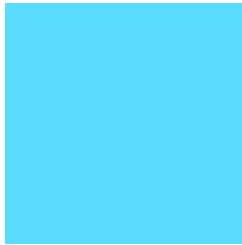
BF0097



400032

Previews

White Background



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

Color Contrast Check

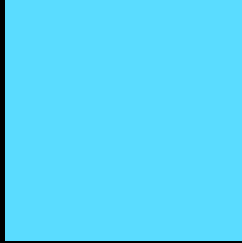
Large Text (above 18pt) WCAG AA × Fail

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 5ADCFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

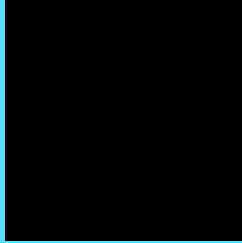
Any Text WCAG AA ✓ Pass

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 5ADCFF Background



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

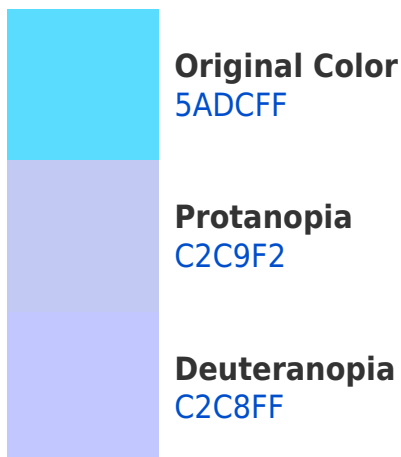


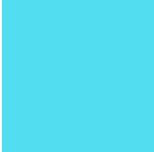
This preview shows how white text looks on a background with the Hex color 5ADCFF.

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](#).

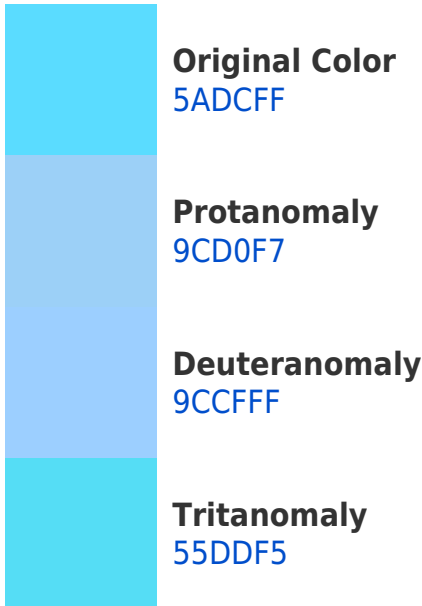
Dichromacy



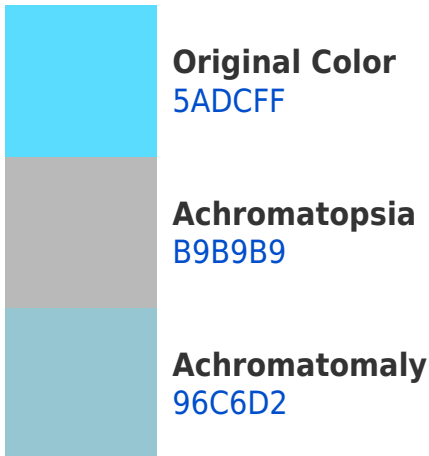


Tritanopia
52DEF0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5ADCFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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