

Converting Colors

Hex(51ADFF)

Have a look what the booklet for
Hex(51ADFF) contains.

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Color

Hex(51ADFF)

Conversions

Conversions Part 1

Format	Color
Hex	51ADFF
RGB	81, 173, 255
RGB Percent	32%, 68%, 100%
CMY	0.6824, 0.3216, 0.0000
CMYK	0.68, 0.32, 0.00, 0.00
HSL	208°, 100%, 66%
HSV	208°, 68%, 100%
XYZ	36.3869, 38.8565, 100.1900
YIQ	154.8400, -81.1540, 5.9980

Conversions

Conversions Part 2

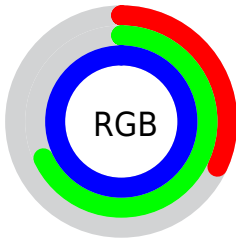
Format	Color
R _Y B	81, 141, 255
Decimal	5352959
CIE Lab	68.65, -1.80, -48.59
CIE LCh	69, 48.619, 267.874
Yxy	38.8565, 0.2074, 0.2215
Android (android.graphics.Color)	4283543039 (0xFF51ADFF)
YUV	154.8400, 49.3789, -64.7577
Hunter-Lab	62.3350, -4.8900, -51.6614

Details

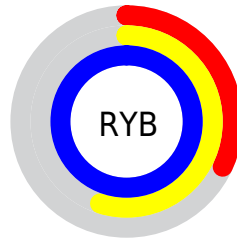
The Hex color **51ADFF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **FFA351**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **93E4FF**, and **0079C6** is the 20% darker color. If you saturate the color by 10%, you get **38A1FF**, and if you desaturate by 10%, it is **6AB9FF**.

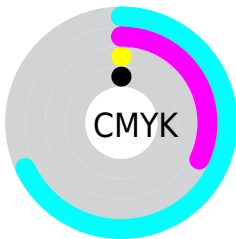
Distribution



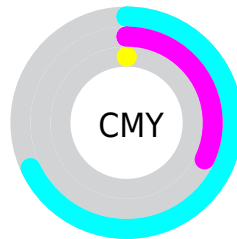
- Red (32%)
- Green (68%)
- Blue (100%)



- Red (32%)
- Yellow (55%)
- Blue (100%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51ADFF 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 51ADFF by changing the saturation by 10% instead.

■ 51ADFF

■ 51ADFF

FFFFFF

■ 2693E2

■ 93E4FF

■ 0079C6

■ B2FFFF

■ 0061AA

■ D1FFFF

■ 00498F

■ EFFFFF

■ 003375

■ 001F5C

■ 000744

■ 00032D

■ 000117

■ 51ADFF

■ 51ADFF

■ 38A1FF

■ 6AB9FF

■ 1E95FF

■ 84C5FF

■ 0589FF

■ 9ED1FF

■ 0087FF

■ B7DDFF

■ D1E9FF

■ EAF5FF

FFFFFF

Harmonies

Analogous

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



00B8F1



51ADFF



A69DF5

Triad

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



51ADFF



F98681



61BA77

Complementary

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



51ADFF



FFA351

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.



98B157



51ADFF



E6945E

Square

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



51ADFF



F683AC



C4A44D



00BEA3

Rectangle

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



51ADFF



CC92E3



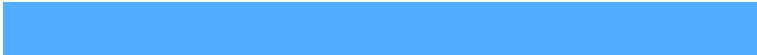
C4A44D



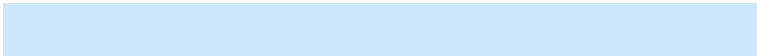
76B76A

Sweetspot

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



51ADFF



CCE7FF



51FFA2



617180



000000



808080

Same Dimension

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



51ADFF



2E9CFF



5157FF



737980



0065BF



002240

Inverse Universe

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



FF51AD



FF2E9C



FFF951



807379



BF0065



400022

Previews

White Background



This preview shows how the Hex color 51ADFF looks on a white background.

Color Contrast Check

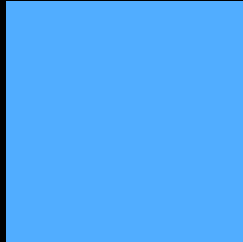
Large Text (above 18pt) WCAG AA × Fail

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 51ADFF 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

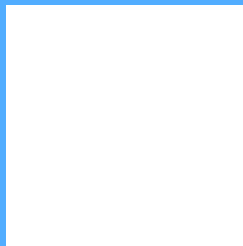
Any Text WCAG AAA ✓ Pass

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

Hex 51ADFF Background



This preview shows how black text looks on a background with the Hex color 51ADFF.

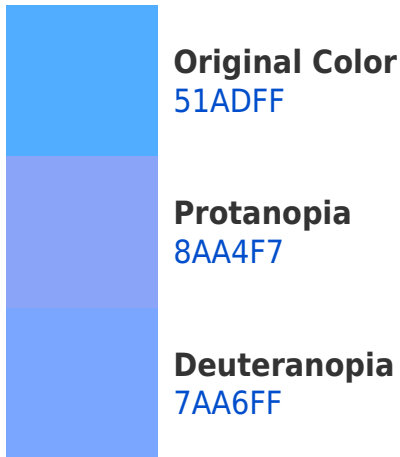


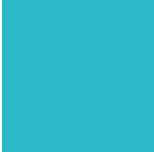
This preview shows how white text looks on a background with the Hex color 51ADFF.

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](#).

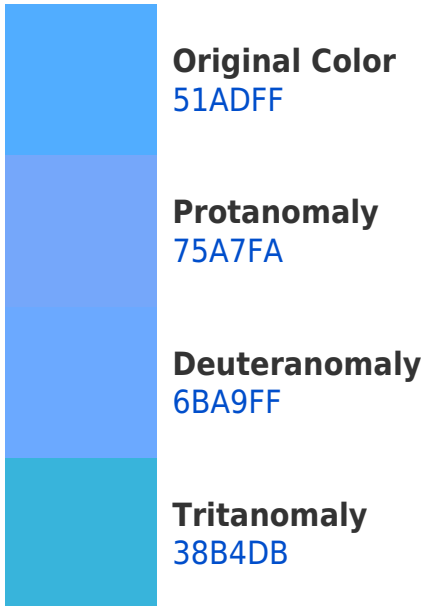
Dichromacy



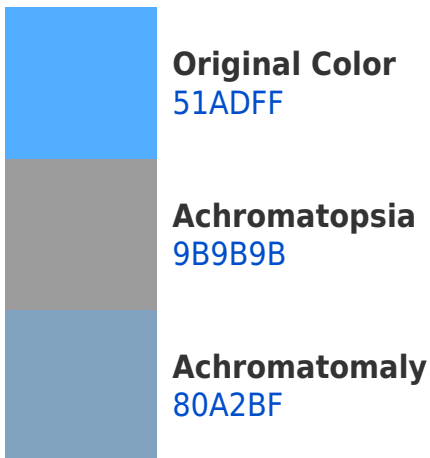


Tritanopia
2AB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51ADFF 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 #51ADFF looks like.

```
.text, #text, p{  
    color:#51ADFF  
}
```

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 #51ADFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51ADFF
}
```

Border

The CSS property to change the border of an element to Hex 51ADFF 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
#51ADFF }
```

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

```
.border{ border-color:#51ADFF }
```

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

Here you see how a box with a 4 pixel #51ADFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51ADFF; -webkit-box-shadow:4px 4px  
4px 4px #51ADFF; box-shadow:4px 4px 4px  
4px #51ADFF }
```

Background

The CSS property to change the background color of an element to Hex 51ADFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51ADFF }
```

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

```
.background{ background-color:#51ADFF }
```

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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