

Converting Colors

Hex(52A9FA)

Have a look what the booklet for
Hex(52A9FA) contains.

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Color

Hex(52A9FA)

Conversions

Conversions Part 1

Format	Color
Hex	52A9FA
RGB	82, 169, 250
RGB Percent	32%, 66%, 98%
CMY	0.6784, 0.3373, 0.0196
CMYK	0.67, 0.32, 0.00, 0.02
HSL	209°, 94%, 65%
HSV	209°, 67%, 98%
XYZ	34.9230, 37.0719, 95.7574
YIQ	152.2210, -77.8530, 6.7470

Conversions

Conversions Part 2

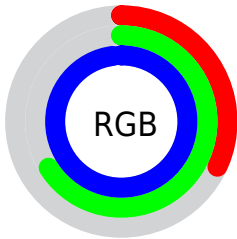
Format	Color
R _Y B	82, 139, 250
Decimal	5417466
CIE Lab	67.33, -1.07, -47.94
CIE LCh	67, 47.955, 268.726
Yxy	37.0719, 0.2082, 0.2210
Android (android.graphics.Color)	4283607546 (0xFF52A9FA)
YUV	152.2210, 48.2050, -61.5838
Hunter-Lab	60.8867, -4.1690, -50.6256

Details

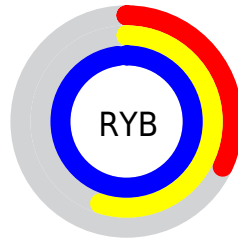
The Hex color **52A9FA** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **FAA352**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **93E0FF**, and **0075C1** is the 20% darker color. If you saturate the color by 10%, you get **399DFA**, and if you desaturate by 10%, it is **6BB5FA**.

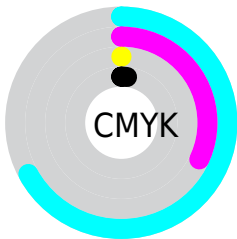
Distribution



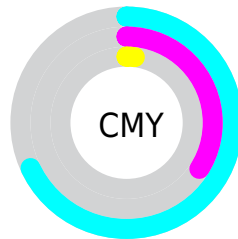
- Red (32%)
- Green (66%)
- Blue (98%)



- Red (32%)
- Yellow (55%)
- Blue (98%)



- Cyan (67%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)



- Cyan (68%)
- Magenta (34%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52A9FA 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 52A9FA by changing the saturation by 10% instead.

■ 52A9FA

FFFFFF

■ 93E0FF

■ B1FCFF

■ D0FFFF

■ EFFFFFF

■ 52A9FA

■ 298FDD

■ 0075C1

■ 005DA6

■ 00468B

■ 003071

■ 001C58

■ 000740

■ 000329

■ 000113

■ 52A9FA

■ 52A9FA

■ 399DFA

■ 6BB5FA

■ 2091FA

■ 84C1FA

■ 0785FA

■ 9DCDFA

■ 0081FA

■ B6D9FA

■ CFE5FA

■ E8F1FA

■ FFFDFA

■ FFFFFA

Harmonies

Analogous

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



00B4ED



52A9FA



A499F0

Triad

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



52A9FA



F4847D



5DB675

Complementary

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



52A9FA



FAA352

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.



94AE55



52A9FA



E1915B

Square

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



52A9FA



F280A8



BFA14B



00BAA1

Rectangle

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



52A9FA



C98EDD



BFA14B



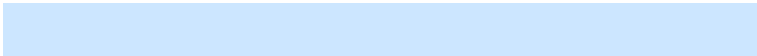
71B469

Sweetspot

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



52A9FA



CCE6FF



52FAA0



617180



000000



808080

Same Dimension

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



52A9FA



309BFF



5258FA



70777D



0062BD



00203D

Inverse Universe

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



FA52A9



FF309B



FAF452



7D7077



BD0062



3D0020

Previews

White Background



This preview shows how the Hex color 52A9FA looks on a white background.

Color Contrast Check

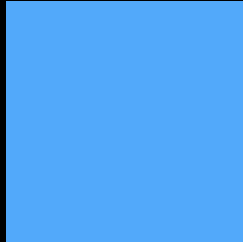
Large Text (above 18pt) WCAG AA × Fail

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 52A9FA 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

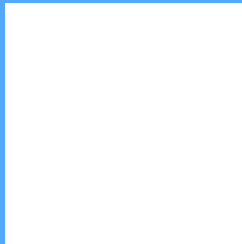
Any Text WCAG AAA ✓ Pass

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

Hex 52A9FA Background



This preview shows how black text looks on a background with the Hex color 52A9FA.

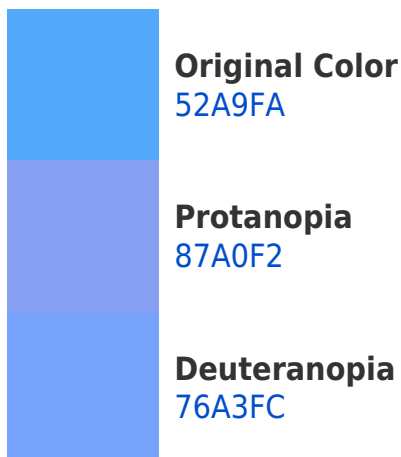


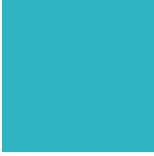
This preview shows how white text looks on a background with the Hex color 52A9FA.

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](#).

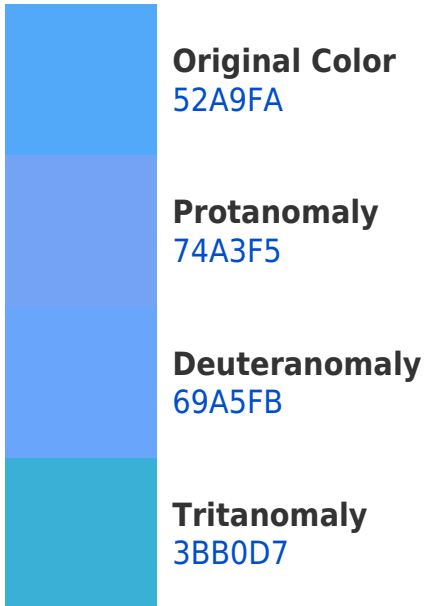
Dichromacy



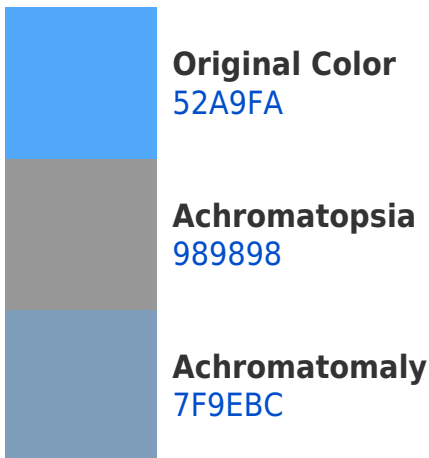


Tritanopia
2EB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52A9FA 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 #52A9FA looks like.

```
.text, #text, p{  
    color:#52A9FA  
}
```

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 #52A9FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A9FA
}
```

Border

The CSS property to change the border of an element to Hex 52A9FA 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
#52A9FA }
```

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

```
.border{ border-color:#52A9FA }
```

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

Here you see how a box with a 4 pixel #52A9FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A9FA; -webkit-box-shadow:4px 4px  
4px 4px #52A9FA; box-shadow:4px 4px 4px  
4px #52A9FA }
```

Background

The CSS property to change the background color of an element to Hex 52A9FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A9FA }
```

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

```
.background{ background-color:#52A9FA }
```

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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