

Converting Colors

Hex(52ACF9)

Have a look what the booklet for
Hex(52ACF9) contains.

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Color

Hex(52ACF9)

Conversions

Conversions Part 1

Format	Color
Hex	52ACF9
RGB	82, 172, 249
RGB Percent	32%, 67%, 98%
CMY	0.6784, 0.3255, 0.0235
CMYK	0.67, 0.31, 0.00, 0.02
HSL	208°, 93%, 65%
HSV	208°, 67%, 98%
XYZ	35.3311, 38.1384, 95.1218
YIQ	153.8680, -78.3570, 4.8670

Conversions

Conversions Part 2

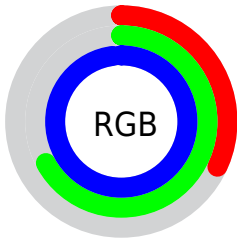
Format	Color
R _Y B	82, 140, 249
Decimal	5418233
CIE Lab	68.12, -3.09, -46.15
CIE LCh	68, 46.257, 266.172
Yxy	38.1384, 0.2096, 0.2262
Android (android.graphics.Color)	4283608313 (0xFF52ACF9)
YUV	153.8680, 46.9001, -63.0282
Hunter-Lab	61.7563, -5.9529, -48.0936

Details

The Hex color **52ACF9** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **F99F52**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **93E3FF**, and **0078C0** is the 20% darker color. If you saturate the color by 10%, you get **39A1F9**, and if you desaturate by 10%, it is **6BB7F9**.

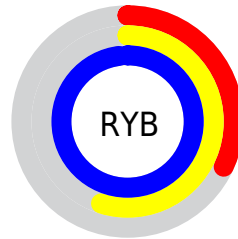
Distribution



Red (32%)

Green (67%)

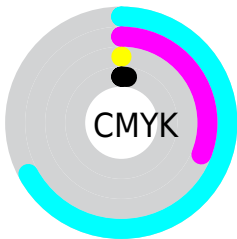
Blue (98%)



Red (32%)

Yellow (55%)

Blue (98%)

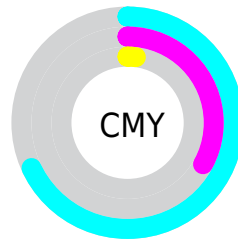


Cyan (67%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (68%)

Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52ACF9 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 52ACF9 by changing the saturation by 10% instead.

■ 52ACF9

FFFFFF

■ 93E3FF

■ B1FFFF

■ D0FFFF

■ EFFFFFF

■ 52ACF9

■ 2992DC

■ 0078C0

■ 0060A5

■ 00488A

■ 003270

■ 001E57

■ 00073F

■ 000329

■ 000112

■ 52ACF9

■ 52ACF9

■ 39A1F9

■ 6BB7F9

■ 2095F9

■ 84C3F9

■ 078AF9

■ 9DCEF9

■ 0086F9

■ B6DAF9

■ CFE5F9

■ E7F1F9

■ FFFCF9

■ FFFFF9

Harmonies

Analogous

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



00B6EA



52ACF9



A19DF1

Triad

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



52ACF9



F48683



68B776

Complementary

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



52ACF9



F99F52

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.



9BAF59



52ACF9



E49362

Square

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



52ACF9



F184AD



C4A251



01BB9F

Rectangle

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



52ACF9



C692E0



C4A251



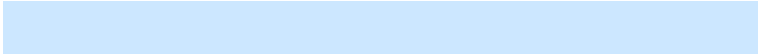
7AB56A

Sweetspot

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



52ACF9



CCE7FF



52F99D



617180



000000



808080

Same Dimension

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



52ACF9



33A1FF



525AF9



70777D



0066BD



00213D

Inverse Universe

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



F952AC



FF33A1



F9F152



7D7077



BD0066



3D0021

Previews

White Background



This preview shows how the Hex color 52ACF9 looks on a white background.

Color Contrast Check

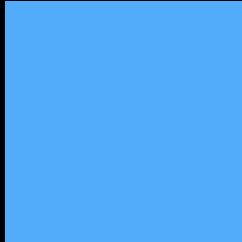
Large Text (above 18pt) WCAG AA × Fail

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 52ACF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

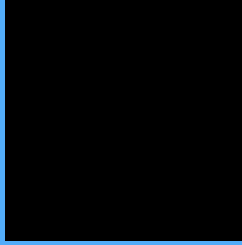
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

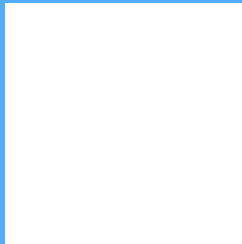
Any Text WCAG AAA ✓ Pass

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

Hex 52ACF9 Background



This preview shows how black text looks on a background with the Hex color 52ACF9.

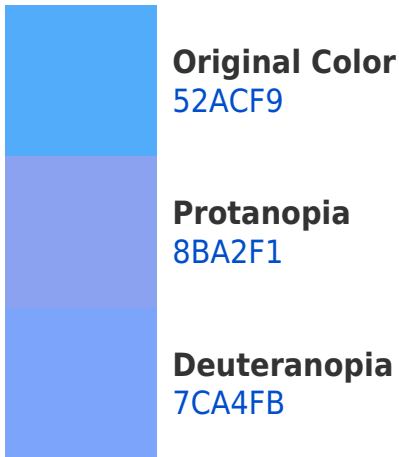


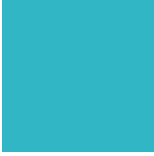
This preview shows how white text looks on a background with the Hex color 52ACF9.

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](#).

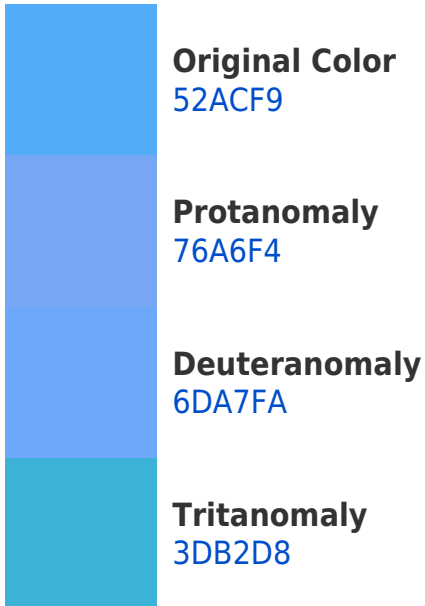
Dichromacy



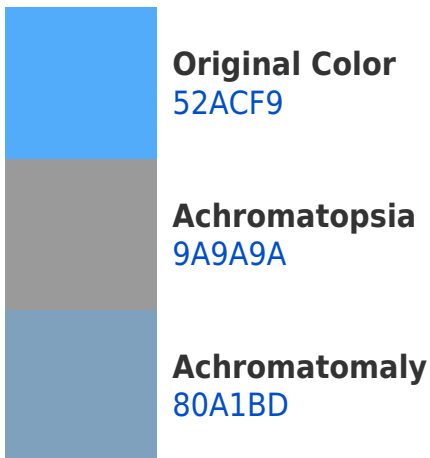


Tritanopia
31B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52ACF9 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 #52ACF9 looks like.

```
.text, #text, p{  
    color:#52ACF9  
}
```

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 #52ACF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52ACF9
}
```

Border

The CSS property to change the border of an element to Hex 52ACF9 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
#52ACF9 }
```

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

```
.border{ border-color:#52ACF9 }
```

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

Here you see how a box with a 4 pixel #52ACF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52ACF9; -webkit-box-shadow:4px 4px  
4px 4px #52ACF9; box-shadow:4px 4px 4px  
4px #52ACF9 }
```

Background

The CSS property to change the background color of an element to Hex 52ACF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52ACF9 }
```

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

```
.background{ background-color:#52ACF9 }
```

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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