

Converting Colors

Hex(53ADFA)

Have a look what the booklet for
Hex(53ADFA) contains.

Hex(53ADFA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(53ADFA)

Conversions

Conversions Part 1

Format	Color
Hex	53ADFA
RGB	83, 173, 250
RGB Percent	33%, 68%, 98%
CMY	0.6745, 0.3216, 0.0196
CMYK	0.67, 0.31, 0.00, 0.02
HSL	208°, 94%, 65%
HSV	208°, 67%, 98%
XYZ	35.7662, 38.6283, 96.0134
YIQ	154.8680, -78.3570, 4.8670

Conversions

Conversions Part 2

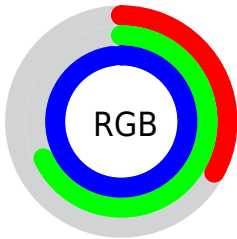
Format	Color
R _Y B	83, 141, 250
Decimal	5484026
CIE Lab	68.48, -3.16, -46.13
CIE LCh	68, 46.239, 266.076
Yxy	38.6283, 0.2099, 0.2267
Android (android.graphics.Color)	4283674106 (0xFF53ADFA)
YUV	154.8680, 46.9001, -63.0282
Hunter-Lab	62.1516, -6.0447, -48.0865

Details

The Hex color **53ADFA** 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 **FAA053**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **94E4FF**, and **0079C1** is the 20% darker color. If you saturate the color by 10%, you get **3AA1FA**, and if you desaturate by 10%, it is **6CB9FA**.

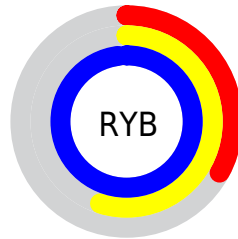
Distribution



Red (33%)

Green (68%)

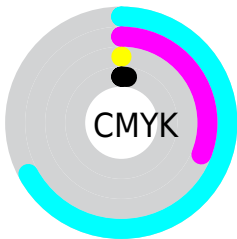
Blue (98%)



Red (33%)

Yellow (55%)

Blue (98%)

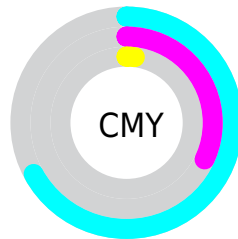


Cyan (67%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (67%)

Magenta (32%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53ADFA 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 53ADFA by changing the saturation by 10% instead.

■ 53ADFA

■ 53ADFA

FFFFFF

■ 2B93DD

■ 94E4FF

■ 0079C1

■ B2FFFF

■ 0061A6

■ D1FFFF

■ 00498B

■ F0FFFF

■ 003371

■ 001F58

■ 000740

■ 000329

■ 000113

■ 53ADFA

■ 53ADFA

■ 3AA1FA

■ 6CB9FA

■ 2196FA

■ 85C4FA

■ 088AFA

■ 9ED0FA

■ 0087FA

■ B7DBFA

■ D0E7FA

■ E9F2FA

■ FFFEFA

■ FFFFFA

Harmonies

Analogous

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



00B7EB



53ADFA



A29EF2

Triad

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



53ADFA



F68785



69B877

Complementary

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



53ADFA



FAA053

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.



9CB059



53ADFA



E59463

Square

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



53ADFA



F285AE



C5A352



08BCA0

Rectangle

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



53ADFA



C793E1



C5A352



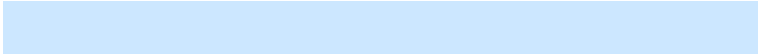
7BB66B

Sweetspot

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



53ADFA



CCE7FF



53FA9E



617180



000000



808080

Same Dimension

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



53ADFA



33A1FF



535BFA



70777D



0066BD



00213D

Inverse Universe

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



FA53AD



FF33A1



FAF253



7D7077



BD0066



3D0021

Previews

White Background



This preview shows how the Hex color 53ADFA looks on a white background.

Color Contrast Check

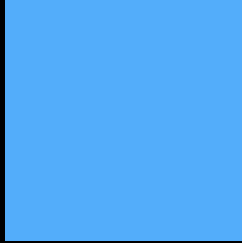
Large Text (above 18pt) WCAG AA × Fail

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 53ADFA 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

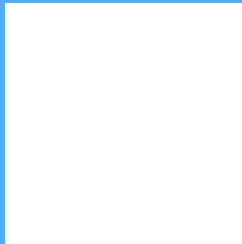
Any Text WCAG AAA ✓ Pass

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

Hex 53ADFA Background



This preview shows how black text looks on a background with the Hex color 53ADFA.

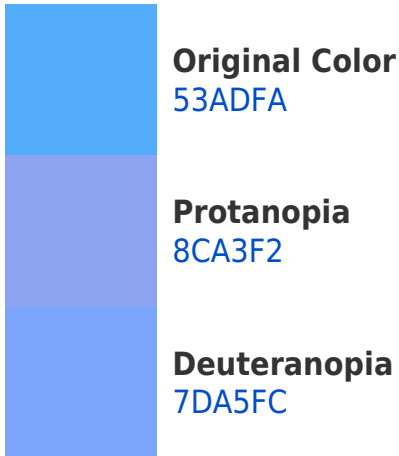


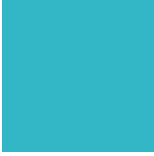
This preview shows how white text looks on a background with the Hex color 53ADFA.

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](#).

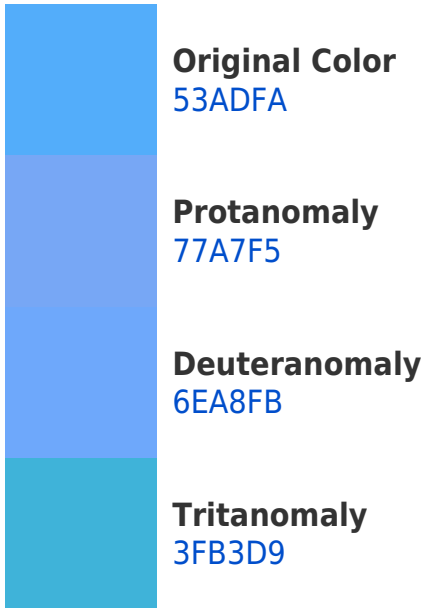
Dichromacy



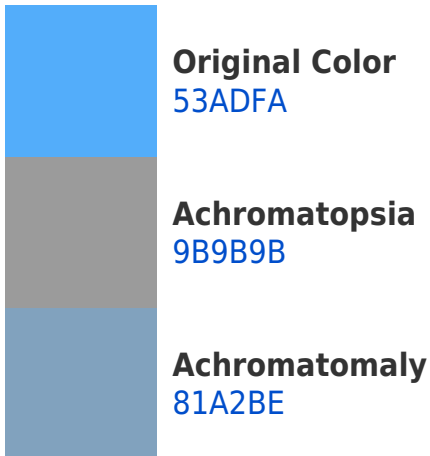


Tritanopia
33B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53ADFA 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 #53ADFA looks like.

```
.text, #text, p{  
    color:#53ADFA  
}
```

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 #53ADFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53ADFA
}
```

Border

The CSS property to change the border of an element to Hex 53ADFA 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
#53ADFA }
```

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

```
.border{ border-color:#53ADFA }
```

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

Here you see how a box with a 4 pixel #53ADFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53ADFA; -webkit-box-shadow:4px 4px  
4px 4px #53ADFA; box-shadow:4px 4px 4px  
4px #53ADFA }
```

Background

The CSS property to change the background color of an element to Hex 53ADFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53ADFA }
```

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

```
.background{ background-color:#53ADFA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor