

Converting Colors

Hex(53AAF7)

Have a look what the booklet for
Hex(53AAF7) contains.

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Color

Hex(53AAF7)

Conversions

Conversions Part 1

Format	Color
Hex	53AAF7
RGB	83, 170, 247
RGB Percent	33%, 67%, 97%
CMY	0.6745, 0.3333, 0.0314
CMYK	0.66, 0.31, 0.00, 0.03
HSL	208°, 91%, 65%
HSV	208°, 66%, 97%
XYZ	34.7305, 37.3039, 93.3656
YIQ	152.7650, -76.5690, 5.5030

Conversions

Conversions Part 2

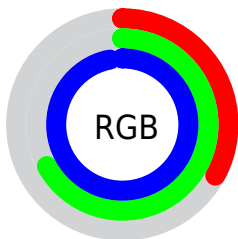
Format	Color
R _{YB}	83, 140, 247
Decimal	5483255
CIE Lab	67.50, -2.47, -46.04
CIE LCh	68, 46.101, 266.926
Yxy	37.3039, 0.2100, 0.2255
Android (android.graphics.Color)	4283673335 (0xFF53AAF7)
YUV	152.7650, 46.4579, -61.1839
Hunter-Lab	61.0769, -5.3830, -47.8802

Details

The Hex color **53AAF7** 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 **F7A053**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **93E1FF**, and **0076BE** is the 20% darker color. If you saturate the color by 10%, you get **3A9EF7**, and if you desaturate by 10%, it is **6CB6F7**.

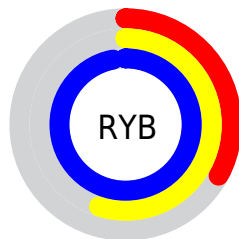
Distribution



Red (33%)

Green (67%)

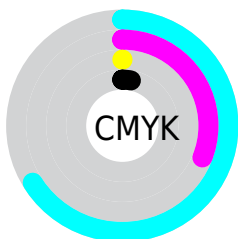
Blue (97%)



Red (33%)

Yellow (55%)

Blue (97%)

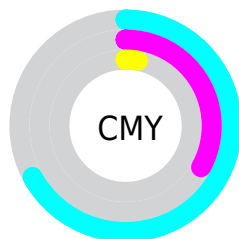


Cyan (66%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (67%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AAF7 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 53AAF7 by changing the saturation by 10% instead.

 53AAF7

 53AAF7

FFFFFF

 2B90DA

 93E1FF

 0076BE

 B2FEFF

 005EA3

 D0FFFF

 004788

 EFFFFFF

 00316E

 001D56

 00063E

 000327

 000110

■ 53AAF7

■ 53AAF7

■ 3A9EF7

■ 6CB6F7

■ 2293F7

■ 84C1F7

■ 0987F7

■ 9DCDF7

■ 0083F7

■ B6D8F7

■ CFE4F7

■ E7F0F7

■ FFFBF7

■ FFFFF7

Harmonies

Analogous

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



00B4E9



53AAF7



A19BEF

Triad

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



53AAF7



F28581



65B575

Complementary

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



53AAF7



F7A053

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.



98AD58



53AAF7



E19260

Square

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



53AAF7



EF82AA



C1A150



00B99F

Rectangle

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



53AAF7



C690DE



C1A150



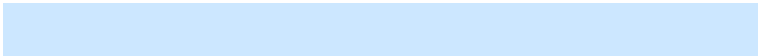
77B36A

Sweetspot

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



53AAF7



CCE7FF



53F7A0



617180



000000



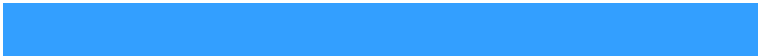
808080

Same Dimension

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



53AAF7



339FFF



5358F7



6E757A



0063BA



001F3B

Inverse Universe

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



F753AA



FF339F



F7F253



7A6E75



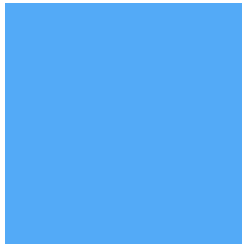
BA0063



3B001F

Previews

White Background



This preview shows how the Hex color 53AAF7 looks on a white background.

Color Contrast Check

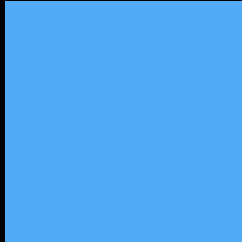
Large Text (above 18pt) WCAG AA × Fail

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 53AAF7 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

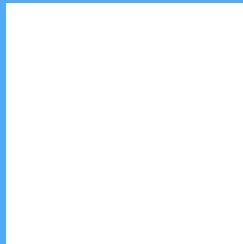
Any Text WCAG AAA ✓ Pass

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

Hex 53AAF7 Background



This preview shows how black text looks on a background with the Hex color 53AAF7.

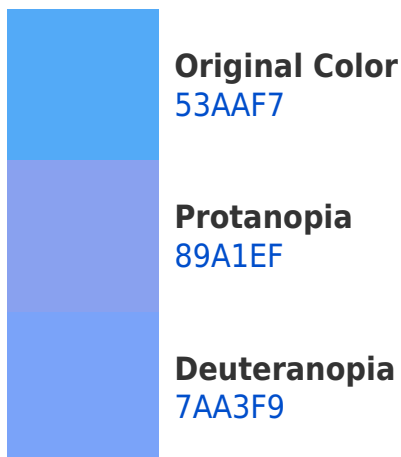


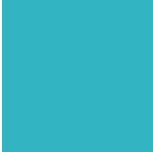
This preview shows how white text looks on a background with the Hex color 53AAF7.

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](#).

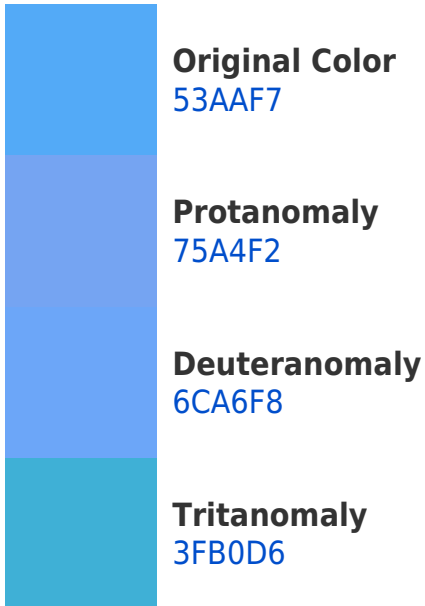
Dichromacy



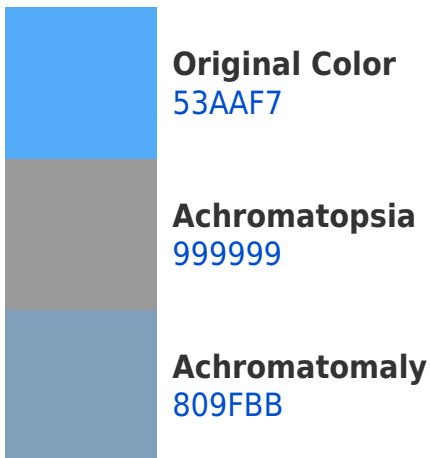


Tritanopia
33B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AAF7 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 #53AAF7 looks like.

```
.text, #text, p{  
    color:#53AAF7  
}
```

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 #53AAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AAF7
}
```

Border

The CSS property to change the border of an element to Hex 53AAF7 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
#53AAF7 }
```

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

```
.border{ border-color:#53AAF7 }
```

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

Here you see how a box with a 4 pixel #53AAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AAF7; -webkit-box-shadow:4px 4px  
4px 4px #53AAF7; box-shadow:4px 4px 4px  
4px #53AAF7 }
```

Background

The CSS property to change the background color of an element to Hex 53AAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AAF7 }
```

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

```
.background{ background-color:#53AAF7 }
```

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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