

Converting Colors

Hex(63A9F3)

Have a look what the booklet for
Hex(63A9F3) contains.

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Color

Hex(63A9F3)

Conversions

Conversions Part 1

Format	Color
Hex	63A9F3
RGB	99, 169, 243
RGB Percent	39%, 66%, 95%
CMY	0.6118, 0.3373, 0.0471
CMYK	0.59, 0.30, 0.00, 0.05
HSL	211°, 86%, 67%
HSV	211°, 59%, 95%
XYZ	35.5112, 37.4996, 90.1605
YIQ	156.5060, -65.4740, 8.1740

Conversions

Conversions Part 2

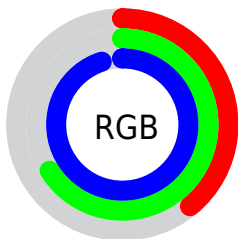
Format	Color
R_{YB}	99, 146, 243
Decimal	6531571
CIE _{Lab}	67.65, -0.44, -43.58
CIE _{LCh}	68, 43.586, 269.418
Yxy	37.4996, 0.2176, 0.2298
Android (android.graphics.Color)	4284721651 (0xFF63A9F3)
YUV	156.5060, 42.6415, -50.4328
Hunter-Lab	61.2370, -3.6528, -44.4281

Details

The Hex color **63A9F3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F3AD63**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9FE0FF**, and **1675BA** is the 20% darker color. If you saturate the color by 10%, you get **4B9DF3**, and if you desaturate by 10%, it is **7BB5F3**.

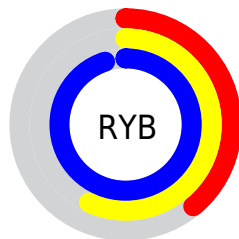
Distribution



Red (39%)

Green (66%)

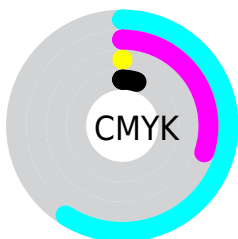
Blue (95%)



Red (39%)

Yellow (57%)

Blue (95%)

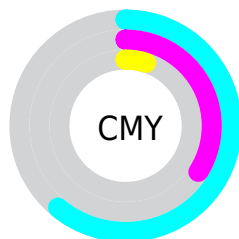


Cyan (59%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (34%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A9F3 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 63A9F3 by changing the saturation by 10% instead.

■ 63A9F3

FFFFFF

■ 9FE0FF

■ BDFDFF

■ DBFFFF

■ FAFFFF

■ 63A9F3

■ 428FD6

■ 1675BA

■ 005D9F

■ 004685

■ 00306B

■ 001C52

■ 00063B

■ 000224

■ 00000C

■ 63A9F3

■ 63A9F3

■ 4B9DF3

■ 7BB5F3

■ 3290F3

■ 94C2F3

■ 1A84F3

■ ACCEF3

■ 0277F3

■ C4DBF3

■ 0076F3

■ DCE7F3

■ F5F4F3

■ FFFFF3

Harmonies

Analogous

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



00B3E8



63A9F3



A79BE9

Triad

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



63A9F3



EE8880



65B67B

Complementary

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



63A9F3



F3AD63

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.



96AE5E



63A9F3



DD9462

Square

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



63A9F3



ED85A7



BEA255



13B9A3

Rectangle

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



63A9F3



C891D8



BEA255



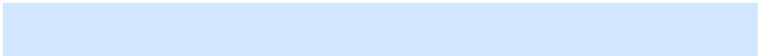
77B370

Sweetspot

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



63A9F3



D1E7FF



63F3AB



637180



000000



808080

Same Dimension

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



63A9F3



4AA2FF



6363F3



6E747A



005ABA



001D3B

Inverse Universe

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



F363A9



FF4AA2



F3F363



7A6E74



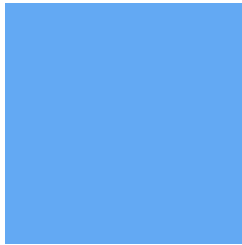
BA005A



3B001D

Previews

White Background



This preview shows how the Hex color 63A9F3 looks on a white background.

Color Contrast Check

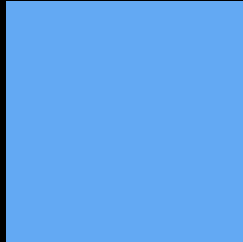
Large Text (above 18pt) WCAG AA × Fail

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 63A9F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

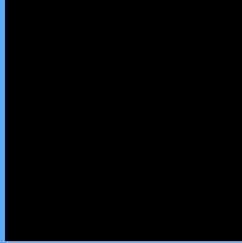
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

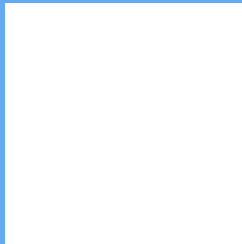
Any Text WCAG AAA ✓ Pass

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

Hex 63A9F3 Background



This preview shows how black text looks on a background with the Hex color 63A9F3.

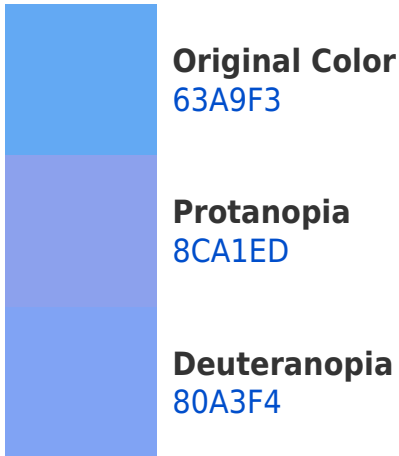


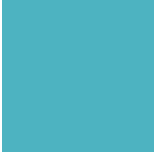
This preview shows how white text looks on a background with the Hex color 63A9F3.

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](#).

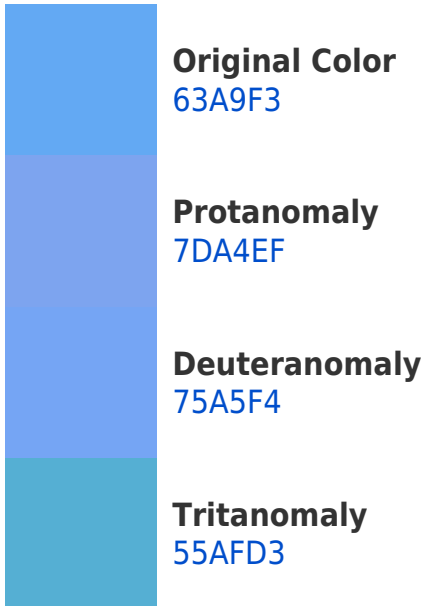
Dichromacy



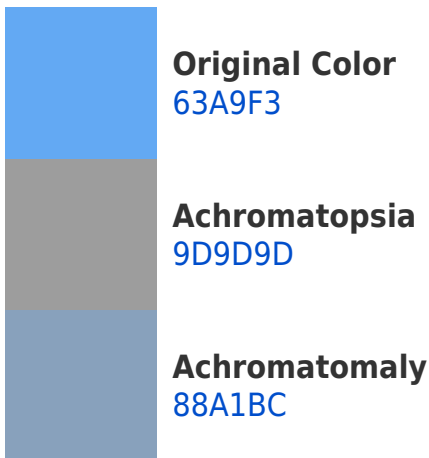


Tritanopia
4DB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63A9F3 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 #63A9F3 looks like.

```
.text, #text, p{  
    color:#63A9F3  
}
```

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 #63A9F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A9F3  
}
```

Border

The CSS property to change the border of an element to Hex 63A9F3 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  
#63A9F3 }
```

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

```
.border{ border-color:#63A9F3 }
```

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

Here you see how a box with a 4 pixel #63A9F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A9F3; -webkit-box-shadow:4px 4px  
4px 4px #63A9F3; box-shadow:4px 4px 4px  
4px #63A9F3 }
```

Background

The CSS property to change the background color of an element to Hex 63A9F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A9F3 }
```

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

```
.background{ background-color:#63A9F3 }
```

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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