

Converting Colors

Hex(5DA4F3)

Have a look what the booklet for
Hex(5DA4F3) contains.

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Color

Hex(5DA4F3)

Conversions

Conversions Part 1

Format	Color
Hex	5DA4F3
RGB	93, 164, 243
RGB Percent	36%, 64%, 95%
CMY	0.6353, 0.3569, 0.0471
CMYK	0.62, 0.33, 0.00, 0.05
HSL	212°, 86%, 66%
HSV	212°, 62%, 95%
XYZ	33.9673, 35.3491, 89.8268
YIQ	151.7770, -67.6750, 9.5170

Conversions

Conversions Part 2

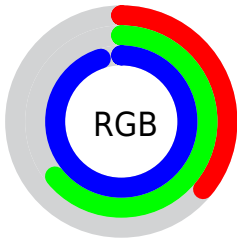
Format	Color
RYB	93, 141, 243
Decimal	6137075
CIELab	66.02, 1.29, -46.16
CIELCh	66, 46.182, 271.600
Yxy	35.3491, 0.2134, 0.2221
Android (android.graphics.Color)	4284327155 (0xFF5DA4F3)
YUV	151.7770, 44.9729, -51.5474
Hunter-Lab	59.4551, -2.0676, -47.9587

Details

The Hex color **5DA4F3** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **F3AC5D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9ADBFF**, and **0071BA** is the 20% darker color. If you saturate the color by 10%, you get **4597F3**, and if you desaturate by 10%, it is **75B1F3**.

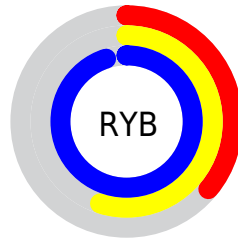
Distribution



Red (36%)

Green (64%)

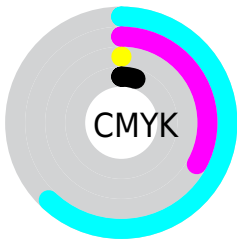
Blue (95%)



Red (36%)

Yellow (55%)

Blue (95%)

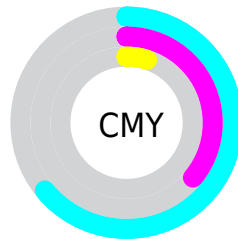


Cyan (62%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA4F3 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 5DA4F3 by changing the saturation by 10% instead.

 5DA4F3

 5DA4F3

FFFFFF

 3B8AD6

 9ADBFF

 0071BA

 B8F7FF

 00599F

 D7FFFF

 004285

 F5FFFF

 002C6B

 001852

 00063B

 000224

 00000C

■ 5DA4F3

■ 5DA4F3

■ 4597F3

■ 75B1F3

■ 2C8AF3

■ 8EBEF3

■ 147EF3

■ A6CAF3

■ 0073F3

■ BED7F3

■ D6E4F3

■ EFF1F3

■ FFFE3

■ FFFF3

Harmonies

Analogous

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



00AFE9



5DA4F3



A795E7

Triad

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



5DA4F3



EC8377



57B277

Complementary

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



5DA4F3



F3AC5D

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.



8DAB57



5DA4F3



D99058

Square

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



5DA4F3



ED7EA0



B79F4B



00B6A1

Rectangle

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



5DA4F3



C98AD4



B79F4B



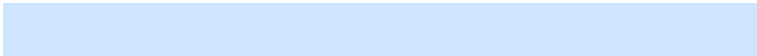
6BB06B

Sweetspot

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



5DA4F3



CFE5FF



5DF3AA



627080



000000



808080

Same Dimension

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



5DA4F3



429CFF



605DF3



6E747A



0058BA



001C3B

Inverse Universe

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



F35DA4



FF429C



F0F35D



7A6E74



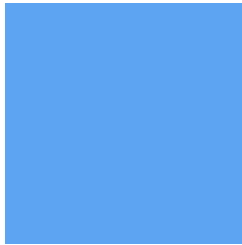
BA0058



3B001C

Previews

White Background



This preview shows how the Hex color 5DA4F3 looks on a white background.

Color Contrast Check

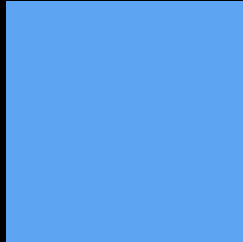
Large Text (above 18pt) WCAG AA × Fail

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 5DA4F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

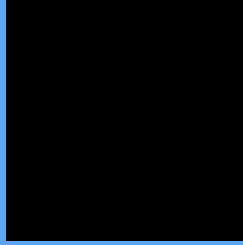
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

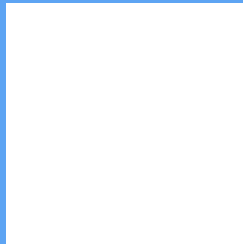
Any Text WCAG AAA ✓ Pass

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

Hex 5DA4F3 Background



This preview shows how black text looks on a background with the Hex color 5DA4F3.

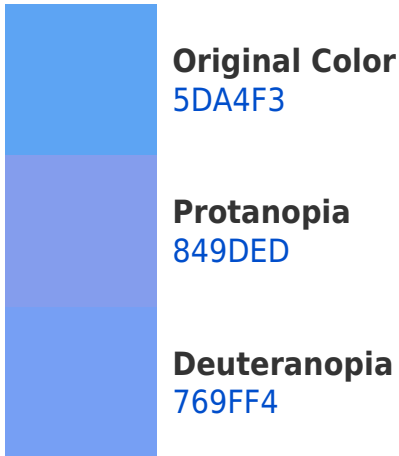


This preview shows how white text looks on a background with the Hex color 5DA4F3.

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](#).

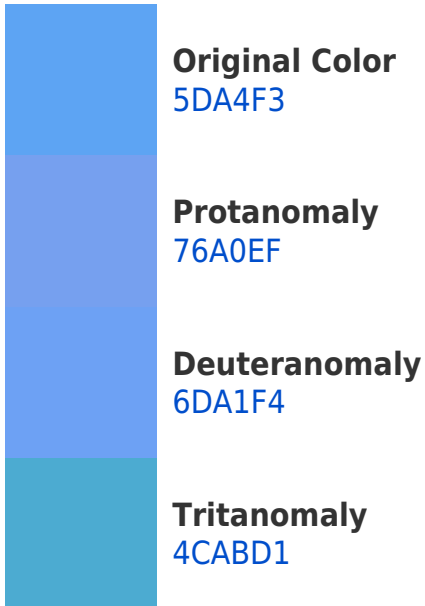
Dichromacy



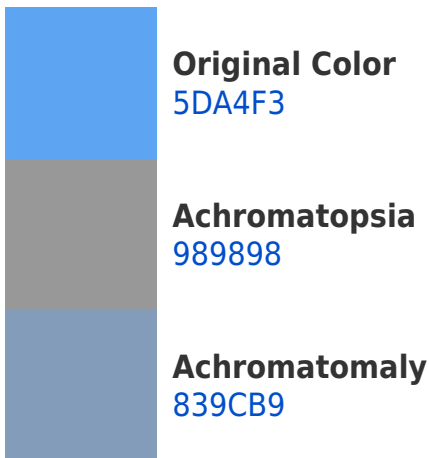


Tritanopia
43AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA4F3 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 #5DA4F3 looks like.

```
.text, #text, p{  
    color:#5DA4F3  
}
```

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 #5DA4F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA4F3  
}
```

Border

The CSS property to change the border of an element to Hex 5DA4F3 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  
#5DA4F3 }
```

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

```
.border{ border-color:#5DA4F3 }
```

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

Here you see how a box with a 4 pixel #5DA4F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA4F3; -webkit-box-shadow:4px 4px  
4px 4px #5DA4F3; box-shadow:4px 4px 4px  
4px #5DA4F3 }
```

Background

The CSS property to change the background color of an element to Hex 5DA4F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA4F3 }
```

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

```
.background{ background-color:#5DA4F3 }
```

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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