

Converting Colors

Hex(5A9EFE)

Have a look what the booklet for
Hex(5A9EFE) contains.

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Color

Hex(5A9EFE)

Conversions

Conversions Part 1

Format	Color
Hex	5A9EFE
RGB	90, 158, 254
RGB Percent	35%, 62%, 100%
CMY	0.6471, 0.3804, 0.0039
CMYK	0.65, 0.38, 0.00, 0.00
HSL	215°, 99%, 67%
HSV	215°, 65%, 100%
XYZ	34.3327, 33.7831, 98.4772
YIQ	148.6120, -71.3440, 15.4400

Conversions

Conversions Part 2

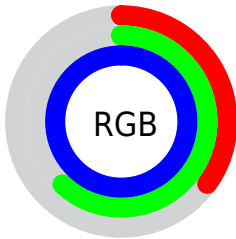
Format	Color
R _{YB}	90, 138, 254
Decimal	5938942
CIE Lab	64.79, 7.86, -54.12
CIE LCh	65, 54.688, 278.260
Yxy	33.7831, 0.2061, 0.2028
Android (android.graphics.Color)	4284129022 (0xFF5A9EFE)
YUV	148.6120, 51.9563, -51.4027
Hunter-Lab	58.1233, 3.7221, -59.7677

Details

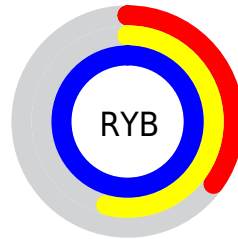
The Hex color **5A9EFE** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **FEBA5A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **99D4FF**, and **006BC5** is the 20% darker color. If you saturate the color by 10%, you get **418FFE**, and if you desaturate by 10%, it is **73ADFE**.

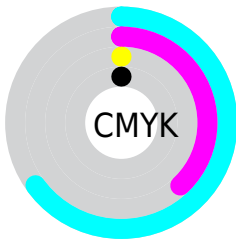
Distribution



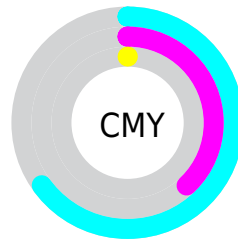
- Red (35%)
- Green (62%)
- Blue (100%)



- Red (35%)
- Yellow (54%)
- Blue (100%)



- Cyan (65%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9EFE 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 5A9EFE by changing the saturation by 10% instead.

 5A9EFE

 5A9EFE


FFFFFF

 3584E1

 99D4FF

 006BC5

 B8F0FF

 0054A9

 D7FFFF

 003D8E

 F5FFFF

 002874

 00155B

 000743

 00032B

 000116

■ 5A9EFE

■ 5A9EFE

■ 418FFE

■ 73ADFE

■ 2780FE

■ 8DBCFE

■ 0E71FE

■ A6CBFE

■ 0069FE

■ C0D9FE

■ D9E8FE

■ F2F7FE

FFFFE

Harmonies

Analogous

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



00ACF7



5A9EFE



B28BEA

Triad

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



5A9EFE



F17B63



20B377

Complementary

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



5A9EFE



FEBA5A

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.



77AB4C



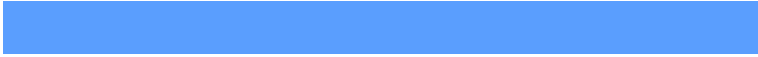
5A9EFE



D58E40

Square

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



5A9EFE



F77192



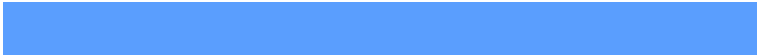
AC9F36



00B5AA

Rectangle

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



5A9EFE



D67ED1



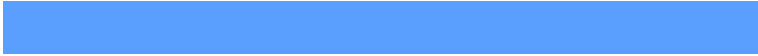
AC9F36



49B167

Sweetspot

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



5A9EFE



CFE3FF



5AFEBA



626E80



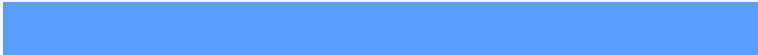
000000



808080

Same Dimension

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



5A9EFE



3B8CFF



685AFE



737880



004FBF



001A40

Inverse Universe

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



FE5A9E



FF3B8C



F0FE5A



807378



BF004F



40001A

Previews

White Background



This preview shows how the Hex color 5A9EFE looks on a white background.

Color Contrast Check

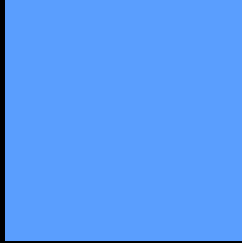
Large Text (above 18pt) WCAG AA × Fail

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 5A9EFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

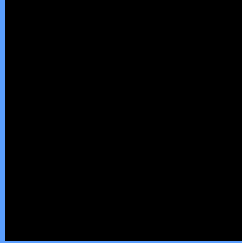
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

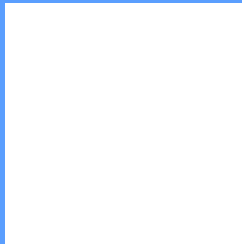
Any Text WCAG AAA ✓ Pass

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

Hex 5A9EFE Background



This preview shows how black text looks on a background with the Hex color 5A9EFE.



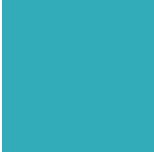
This preview shows how white text looks on a background with the Hex color 5A9EFE.

Color Blindness Simulation

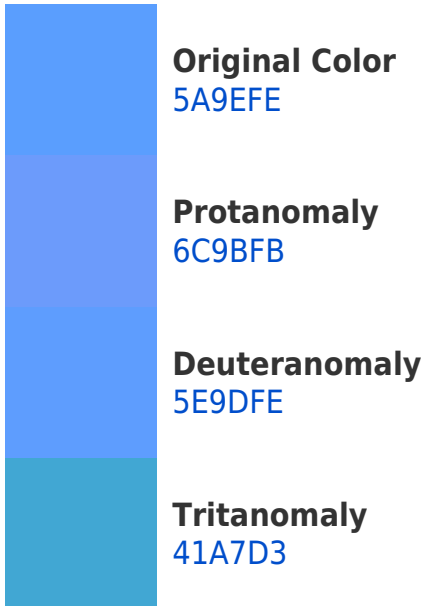
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9EFE 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 #5A9EFE looks like.

```
.text, #text, p{  
    color:#5A9EFE  
}
```

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 #5A9EFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9EFE
}
```

Border

The CSS property to change the border of an element to Hex 5A9EFE 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
#5A9EFE }
```

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

```
.border{ border-color:#5A9EFE }
```

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

Here you see how a box with a 4 pixel #5A9EFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9EFE; -webkit-box-shadow:4px 4px  
4px 4px #5A9EFE; box-shadow:4px 4px 4px  
4px #5A9EFE }
```

Background

The CSS property to change the background color of an element to Hex 5A9EFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9EFE }
```

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

```
.background{ background-color:#5A9EFE }
```

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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