

# Converting Colors

Hex(5A97FE)

Have a look what the booklet for  
Hex(5A97FE) contains.

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# **Color**

**Hex(5A97FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A97FE
RGB	90, 151, 254
RGB Percent	35%, 59%, 100%
CMY	0.6471, 0.4078, 0.0039
CMYK	0.65, 0.41, 0.00, 0.00
HSL	218°, 99%, 67%
HSV	218°, 65%, 100%
XYZ	33.1725, 31.4626, 98.0905
YIQ	144.5030, -69.4190, 19.1010

# Conversions

## Conversions Part 2

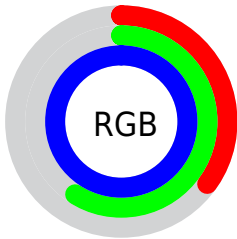
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	90, 134, 254
Decimal	5937150
CIE <sub>Lab</sub>	62.90, 11.96, -57.13
CIE <sub>LCh</sub>	63, 58.372, 281.826
Y <sub>xy</sub>	31.4626, 0.2039, 0.1933
Android (android.graphics.Color)	4284127230 (0xFF5A97FE)
YUV	144.5030, 53.9820, -47.7991
Hunter-Lab	56.0916, 7.4043, -64.4196

# Details

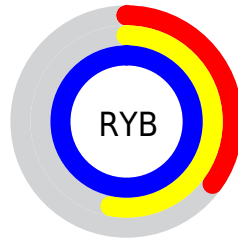
The Hex color **5A97FE** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FEC15A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **99CDFF**, and **0065C5** is the 20% darker color. If you saturate the color by 10%, you get **4187FE**, and if you desaturate by 10%, it is **73A7FE**.

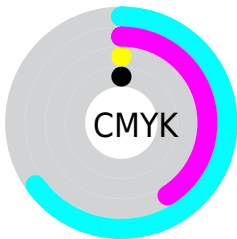
# Distribution



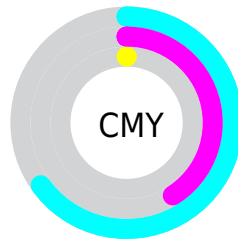
- Red (35%)
- Green (59%)
- Blue (100%)



- Red (35%)
- Yellow (53%)
- Blue (100%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (41%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A97FE 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 5A97FE by changing the saturation by 10% instead.



 5A97FE

 5A97FE

FFFFFF

 357DE1

 99CDFF

 0065C5

 B8E9FF

 004DA9

 D7FFFF

 00378E

 F5FFFF

 002374

 000E5B

 000742

 00032B

 000115

■ 5A97FE

■ 5A97FE

■ 4187FE

■ 73A7FE

■ 2777FE

■ 8DB7FE

■ 0E67FE

■ A6C7FE

■ 005EFE

■ C0D7FE

■ D9E7FE

■ F2F7FE

FF7FFE

# Harmonies

## Analogous

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



00A7FA



5A97FE



B682E6

# Triad

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



5A97FE



ED7655



00AF76

# Complementary

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



5A97FE



FEC15A

# 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.



67A846



5A97FE



CE8A31

# Square

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



5A97FE



F76886



A09C28



00B1AC

# Rectangle

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



5A97FE



DA73CA



A09C28

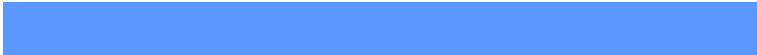


29AD65



# Sweetspot

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



5A97FE



CFE1FF



5AFEBF



626D80



000000



808080



# Same Dimension

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



5A97FE



3B84FF



6D5AFE



737780



0047BF



001840



# Inverse Universe

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



FE5A97



FF3B84



EBFE5A



807377



BF0047



400018



# Previews

## White Background



This preview shows how the Hex color 5A97FE looks on a white background.

## Color Contrast Check

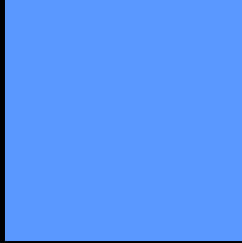
Large Text (above 18pt) WCAG AA × Fail

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 5A97FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

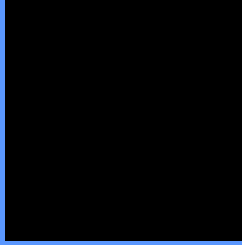
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

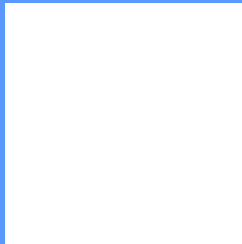
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A97FE Background



This preview shows how black text looks on a background with the Hex color 5A97FE.

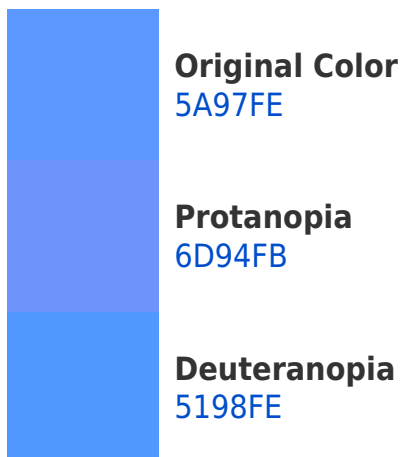


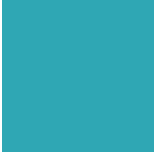
This preview shows how white text looks on a background with the Hex color 5A97FE.

# 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](#).

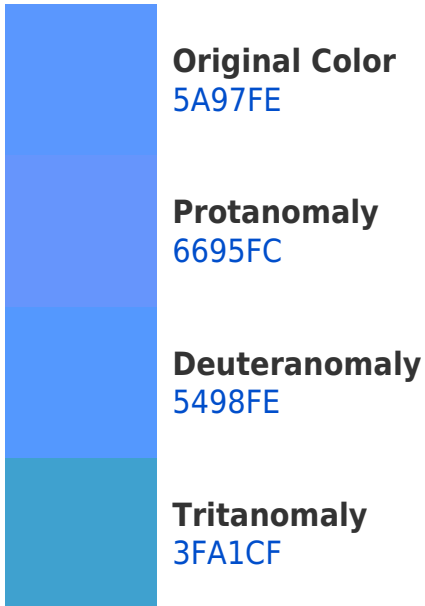
## Dichromacy



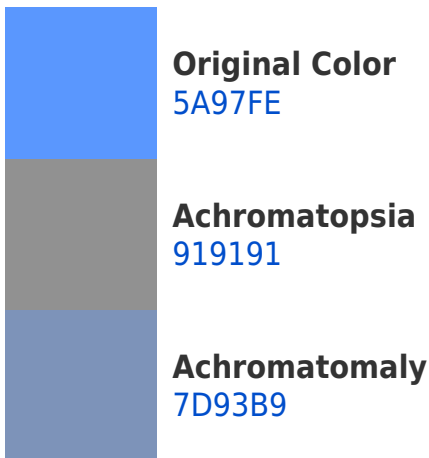


**Tritanopia**  
2FA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A97FE 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 #5A97FE looks like.

```
.text, #text, p{  
    color:#5A97FE  
}
```

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 #5A97FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A97FE
}
```

## Border

The CSS property to change the border of an element to Hex 5A97FE 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
#5A97FE }
```

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

```
.border{ border-color:#5A97FE }
```

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

Here you see how a box with a 4 pixel #5A97FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A97FE; -webkit-box-shadow:4px 4px  
4px 4px #5A97FE; box-shadow:4px 4px 4px  
4px #5A97FE }
```

# Background

The CSS property to change the background color of an element to Hex 5A97FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A97FE }
```

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

```
.background{ background-color:#5A97FE }
```

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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