

Converting Colors

Hex(4394FA)

Have a look what the booklet for
Hex(4394FA) contains.

Hex(4394FA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4394FA)

Conversions

Conversions Part 1

Format	Color
Hex	4394FA
RGB	67, 148, 250
RGB Percent	26%, 58%, 98%
CMY	0.7373, 0.4196, 0.0196
CMYK	0.73, 0.41, 0.00, 0.02
HSL	213°, 95%, 62%
HSV	213°, 73%, 98%
XYZ	30.1600, 29.2752, 94.5036
YIQ	135.4090, -81.0180, 14.5500

Conversions

Conversions Part 2

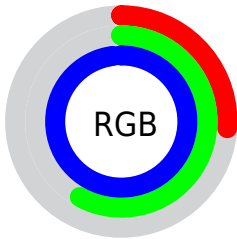
Format	Color
R _{YB}	67, 123, 250
Decimal	4429050
CIE Lab	61.02, 9.04, -57.98
CIE LCh	61, 58.678, 278.860
Yxy	29.2752, 0.1959, 0.1902
Android (android.graphics.Color)	4282619130 (0xFF4394FA)
YUV	135.4090, 56.4934, -59.9947
Hunter-Lab	54.1066, 4.8125, -65.6824

Details

The Hex color **4394FA** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FAA943**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **88CAFF**, and **0062C1** is the 20% darker color. If you saturate the color by 10%, you get **2A86FA**, and if you desaturate by 10%, it is **5CA2FA**.

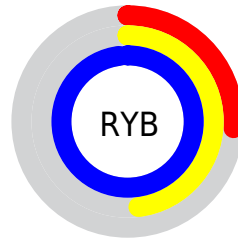
Distribution



Red (26%)

Green (58%)

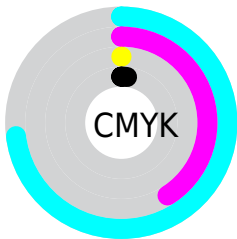
Blue (98%)



Red (26%)

Yellow (48%)

Blue (98%)

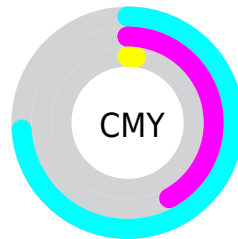


Cyan (73%)

Magenta (41%)

Yellow (0%)

Black (2%)



Cyan (74%)

Magenta (42%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4394FA 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 4394FA by changing the saturation by 10% instead.

 4394FA

 4394FA

FFFFFF

 027BDD

 88CAFF

 0062C1

 A7E5FF

 004BA5

 C7FFFF

 00358A

 E6FFFF

 002270

 000957

 00063F

 000328

 000112

■ 4394FA

■ 4394FA

■ 2A86FA

■ 5CA2FA

■ 1178FA

■ 75B0FA

■ 006FFA

■ 8EBEFA

■ A7CCFA

■ C0DAFA

■ D9E8FA

■ F2F6FA

■ FFFFFA

Harmonies

Analogous

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



00A3F4



4394FA



AA7FE4

Triad

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



4394FA



E96E55



00AA6C

Complementary

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



4394FA



FAA943

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.



68A23D



4394FA



CC832E

Square

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



4394FA



F16286



A09620



00ACA2

Rectangle

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



4394FA



D070CA



A09620



2FA85B

Sweetspot

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



4394FA



C7E0FF



43FAA8



5E6D80



000000



808080

Same Dimension

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



4394FA



1F82FF



4C43FA



70767D



0054BD



001B3D

Inverse Universe

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



FA4394



FF1F82



F1FA43



7D7076



BD0054



3D001B

Previews

White Background



This preview shows how the Hex color 4394FA looks on a white background.

Color Contrast Check

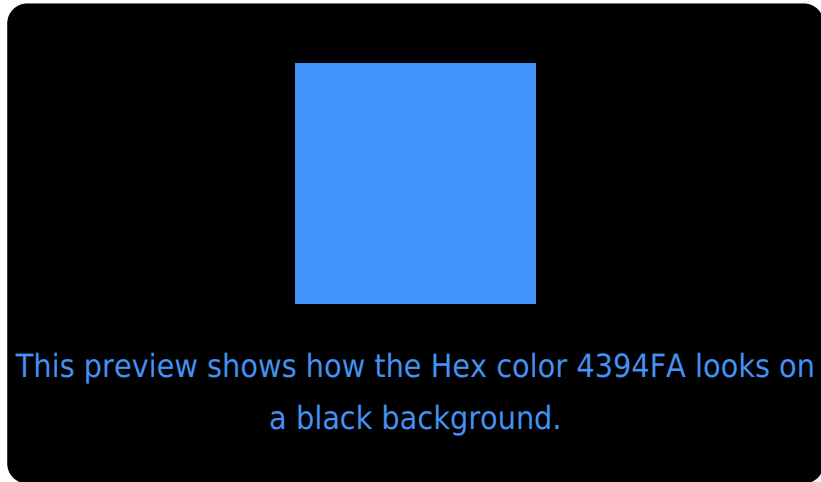
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

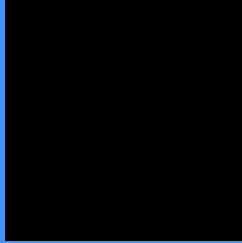
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

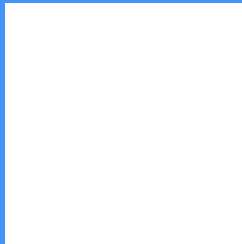
Any Text WCAG AAA × Fail

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

Hex 4394FA Background



This preview shows how black text looks on a background with the Hex color 4394FA.

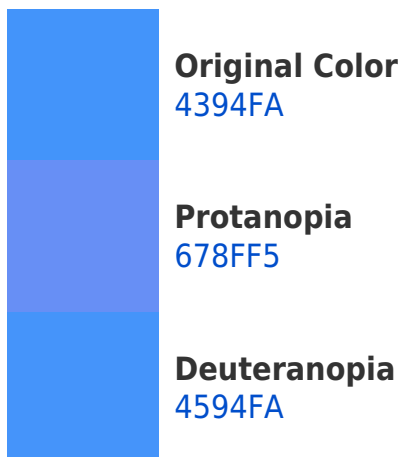


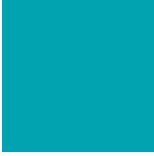
This preview shows how white text looks on a background with the Hex color 4394FA.

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](#).

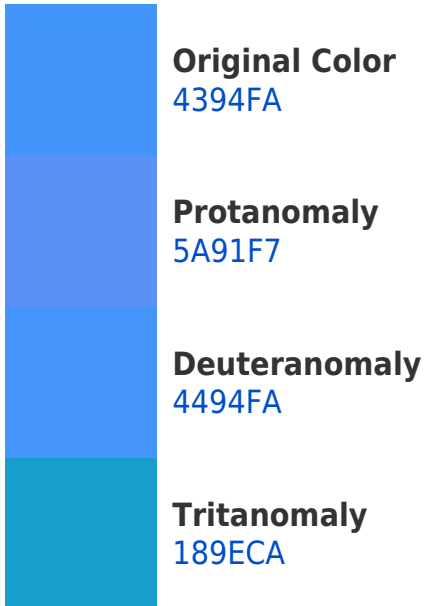
Dichromacy



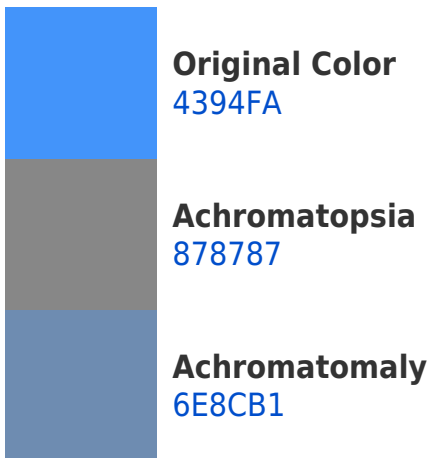


Tritanopia
00A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4394FA 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 #4394FA looks like.

```
.text, #text, p{  
    color:#4394FA  
}
```

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 #4394FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4394FA
}
```

Border

The CSS property to change the border of an element to Hex 4394FA 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
#4394FA }
```

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

```
.border{ border-color:#4394FA }
```

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

Here you see how a box with a 4 pixel #4394FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4394FA; -webkit-box-shadow:4px 4px  
4px 4px #4394FA; box-shadow:4px 4px 4px  
4px #4394FA }
```

Background

The CSS property to change the background color of an element to Hex 4394FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4394FA }
```

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

```
.background{ background-color:#4394FA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor