

Converting Colors

Hex(9393FC)

Have a look what the booklet for
Hex(9393FC) contains.

Hex(9393FC)	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(9393FC)

Conversions

Conversions Part 1

Format	Color
Hex	9393FC
RGB	147, 147, 252
RGB Percent	58%, 58%, 99%
CMY	0.4235, 0.4235, 0.0118
CMYK	0.42, 0.42, 0.00, 0.01
HSL	240°, 95%, 78%
HSV	240°, 42%, 99%
XYZ	40.0370, 34.0988, 96.5670
YIQ	158.9700, -33.7050, 32.6550

Conversions

Conversions Part 2

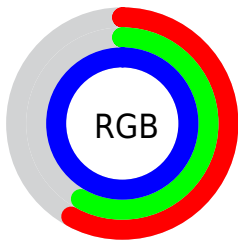
Format	Color
RYB	147, 147, 252
Decimal	9671676
CIELab	65.04, 25.50, -52.43
CIELCh	65, 58.300, 295.933
Yxy	34.0988, 0.2345, 0.1998
Android (android.graphics.Color)	4287861756 (0xFF9393FC)
YUV	158.9700, 45.8638, -10.4977
Hunter-Lab	58.3941, 20.1960, -57.1726

Details

The Hex color **9393FC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FCFC93**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CDC9FF**, and **5A61C3** is the 20% darker color. If you saturate the color by 10%, you get **7A7AFC**, and if you desaturate by 10%, it is **ACACFC**.

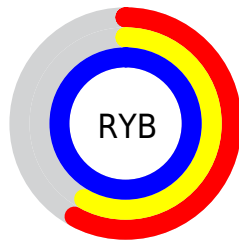
Distribution



Red (58%)

Green (58%)

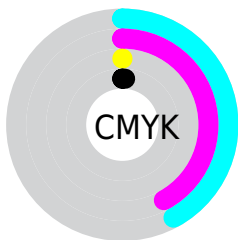
Blue (99%)



Red (58%)

Yellow (58%)

Blue (99%)

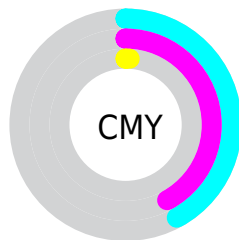


Cyan (42%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (42%)

Magenta (42%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9393FC 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 9393FC by changing the saturation by 10% instead.

 9393FC

 9393FC

FFFFFF

 7779DF

 CDC9FF

 5A61C3

 EAE5FF

 3C49A7

 18338C

 001E72

 000959

 000441

 00032A

 000114

■ 9393FC

■ 9393FC

■ 7A7AFC

■ ACACFC

■ 6161FC

■ C5C5FC

■ 4747FC

■ DFDFFC

■ 2E2EFC

■ F8F8FC

■ 1515FC

FFFC

■ 0000FC

Harmonies

Analogous

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



00A6FF



9393FC



D77DD9

Triad

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



9393FC



E78548



00B795

Complementary

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



9393FC



FCFC93

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.



48B261



9393FC



C0992E

Square

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



9393FC



FC7373



8DA839



00B7CA

Rectangle

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



9393FC



F172B9



8DA839



00B683

Sweetspot

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



9393FC



DEDEFF



93FCFC



6B6B80



000000



808080

Same Dimension

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



9393FC



8080FF



C893FC



70707D



0000BD



00003D

Inverse Universe

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



FC93FC



FF80FF



C8FC93



7D707D



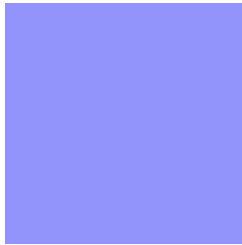
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 9393FC looks on a white background.

Color Contrast Check

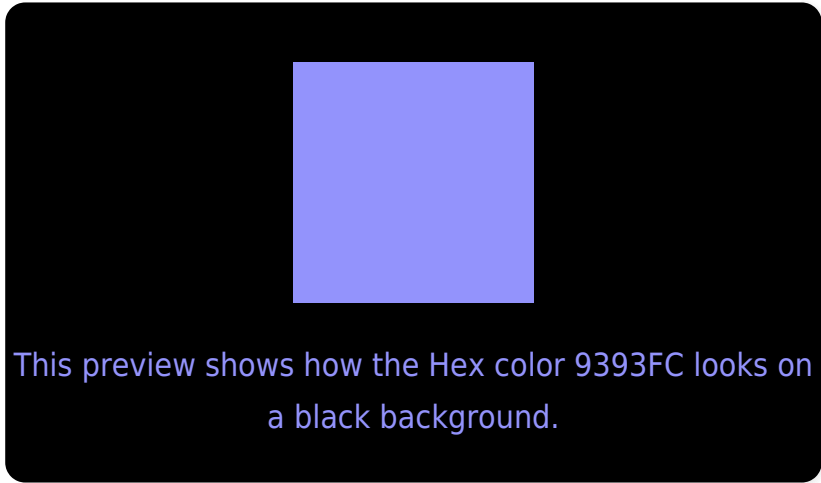
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

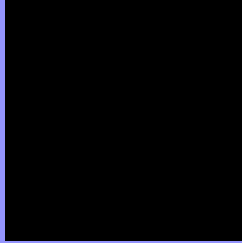
Any Text WCAG AA ✓ Pass

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 9393FC Background



This preview shows how black text looks on a background with the Hex color 9393FC.

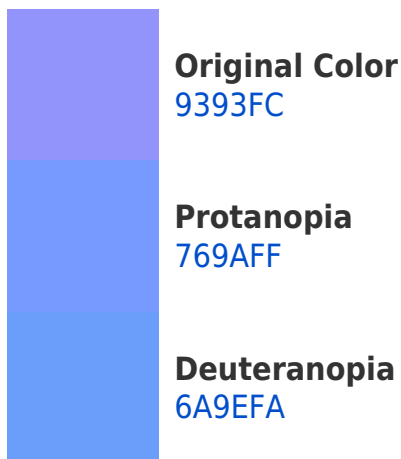


This preview shows how white text looks on a background with the Hex color 9393FC.

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](#).

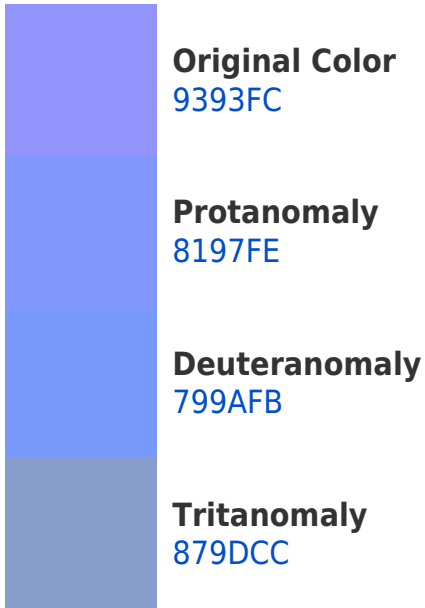
Dichromacy



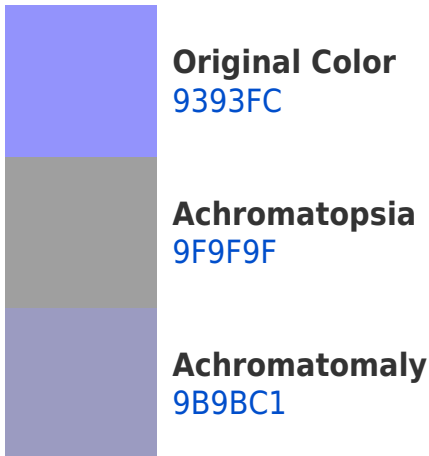


Tritanopia
80A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9393FC 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 #9393FC looks like.

```
.text, #text, p{  
    color:#9393FC  
}
```

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 #9393FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9393FC
}
```

Border

The CSS property to change the border of an element to Hex 9393FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

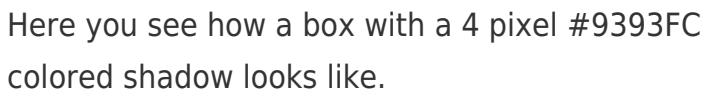
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9393FC }
```

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

```
.border{ border-color:#9393FC }
```

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



Here you see how a box with a 4 pixel #9393FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9393FC; -webkit-box-shadow:4px 4px  
4px 4px #9393FC; box-shadow:4px 4px 4px  
4px #9393FC }
```

Background

The CSS property to change the background color of an element to Hex 9393FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9393FC }
```

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

```
.background{ background-color:#9393FC }
```

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