

Converting Colors

Hex(8391FC)

Have a look what the booklet for
Hex(8391FC) contains.

Hex(8391FC)	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(8391FC)

Conversions

Conversions Part 1

Format	Color
Hex	8391FC
RGB	131, 145, 252
RGB Percent	51%, 57%, 99%
CMY	0.4863, 0.4314, 0.0118
CMYK	0.48, 0.42, 0.00, 0.01
HSL	233°, 95%, 75%
HSV	233°, 48%, 99%
XYZ	37.0562, 32.1044, 96.3392
YIQ	153.0120, -42.6910, 30.3090

Conversions

Conversions Part 2

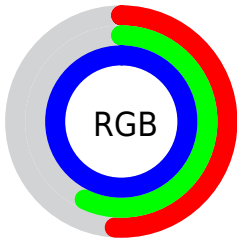
Format	Color
RYB	131, 144, 252
Decimal	8622588
CIELab	63.43, 22.90, -55.06
CIElCh	63, 59.630, 292.584
Yxy	32.1044, 0.2239, 0.1940
Android (android.graphics.Color)	4286812668 (0xFF8391FC)
YUV	153.0120, 48.8011, -19.3045
Hunter-Lab	56.6607, 17.5829, -61.1472

Details

The Hex color **8391FC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FCEE83**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BDC7FF**, and **475FC3** is the 20% darker color. If you saturate the color by 10%, you get **6A7BFC**, and if you desaturate by 10%, it is **9CA7FC**.

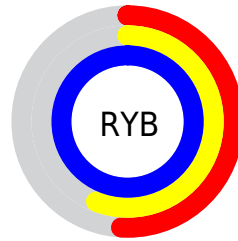
Distribution



Red (51%)

Green (57%)

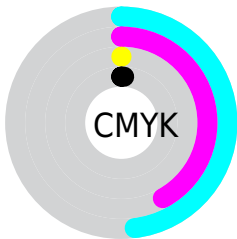
Blue (99%)



Red (51%)

Yellow (56%)

Blue (99%)

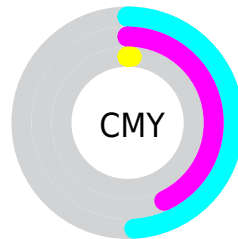


Cyan (48%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (49%)

Magenta (43%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8391FC 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 8391FC by changing the saturation by 10% instead.

 8391FC

 8391FC

FFFFFF

 6677DF

 BDC7FF

 475FC3

 DBE3FF

 2448A7

 F9FFFF

 00328C

 001D72

 000759

 000741

 00032A

 000114

■ 8391FC

■ 8391FC

■ 6A7BFC

■ 9CA7FC

■ 5164FC

■ B5BEFC

■ 374EFC

■ CFD4FC

■ 1E38FC

■ E8EAFC

■ 0522FC

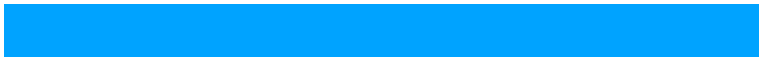
FFFFFC

■ 001DFC

Harmonies

Analogous

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



00A3FF



8391FC



CD7ADB

Triad

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



8391FC



E67D46



00B28A

Complementary

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



8391FC



FCEE83

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.



4BAD56



8391FC



C19227

Square

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



8391FC



FA6B74



8FA32E



00B3C1

Rectangle

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



8391FC



EA6DBB



8FA32E



00B178

Sweetspot

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



8391FC



DBDFFF



83FCEE



6A6C80



000000



808080

Same Dimension

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



8391FC



6B7CFF



B183FC



70727D



0016BD



00073D

Inverse Universe

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



FC8391



FF6B7C



CEFC83



7D7072



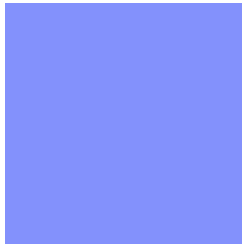
BD0016



3D0007

Previews

White Background



This preview shows how the Hex color 8391FC looks on a white background.

Color Contrast Check

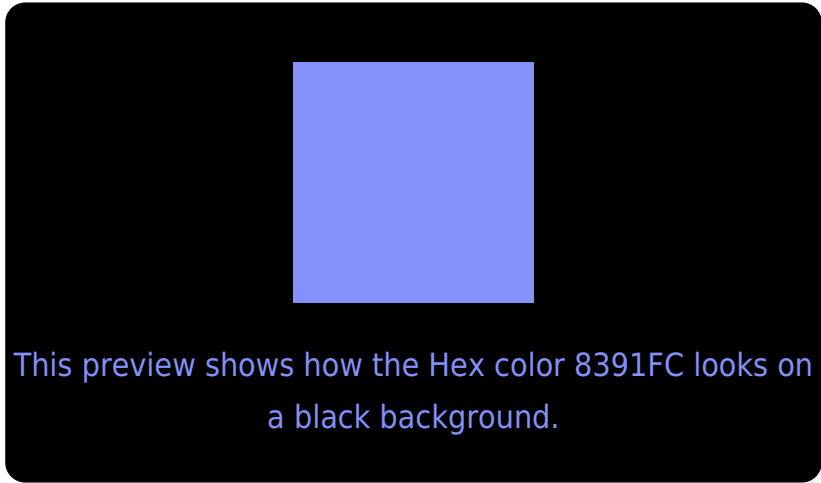
Large Text (above 18pt) WCAG AA × Fail

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

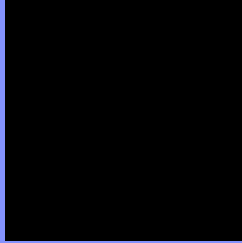
Any Text WCAG AA ✓ Pass

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 8391FC Background



This preview shows how black text looks on a background with the Hex color 8391FC.

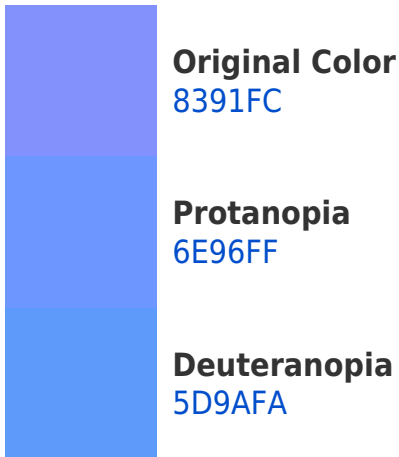


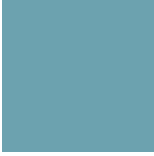
This preview shows how white text looks on a background with the Hex color 8391FC.

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](#).

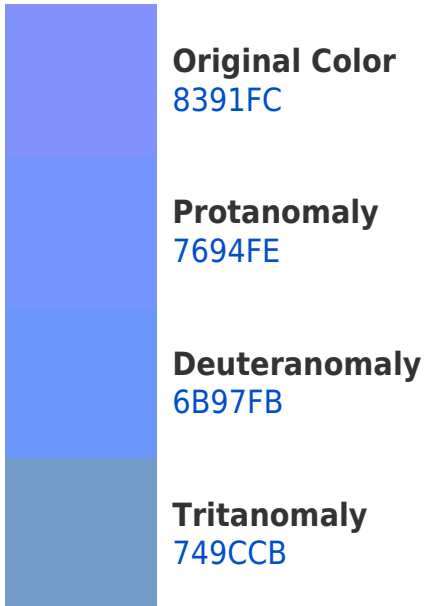
Dichromacy



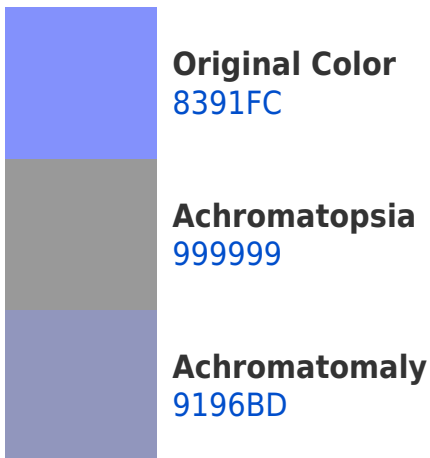


Tritanopia
6CA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8391FC 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 #8391FC looks like.

```
.text, #text, p{  
    color:#8391FC  
}
```

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 #8391FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8391FC
}
```

Border

The CSS property to change the border of an element to Hex 8391FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

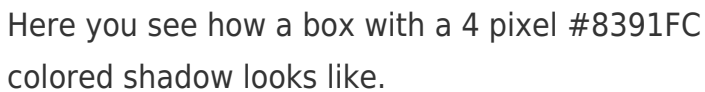
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8391FC }
```

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

```
.border{ border-color:#8391FC }
```

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



Here you see how a box with a 4 pixel #8391FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8391FC; -webkit-box-shadow:4px 4px  
4px 4px #8391FC; box-shadow:4px 4px 4px  
4px #8391FC }
```

Background

The CSS property to change the background color of an element to Hex 8391FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8391FC }
```

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

```
.background{ background-color:#8391FC }
```

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