

Converting Colors

Hex(3C8AFD)

Have a look what the booklet for
Hex(3C8AFD) contains.

Hex(3C8AFD)	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(3C8AFD)

Conversions

Conversions Part 1

Format	Color
Hex	3C8AFD
RGB	60, 138, 253
RGB Percent	24%, 54%, 99%
CMY	0.7647, 0.4588, 0.0078
CMYK	0.76, 0.45, 0.00, 0.01
HSL	216°, 98%, 61%
HSV	216°, 76%, 99%
XYZ	28.6816, 26.2295, 96.4796
YIQ	127.7880, -83.4030, 19.2290

Conversions

Conversions Part 2

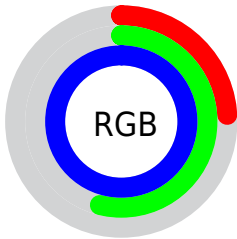
Format	Color
R_{YB}	60, 116, 253
Decimal	3967741
CIE _{Lab}	58.25, 15.31, -64.07
CIE _{LCh}	58, 65.877, 283.438
Yxy	26.2295, 0.1895, 0.1733
Android (android.graphics.Color)	4282157821 (0xFF3C8AFD)
YUV	127.7880, 61.7295, -59.4501
Hunter-Lab	51.2147, 10.3389, -75.8418

Details

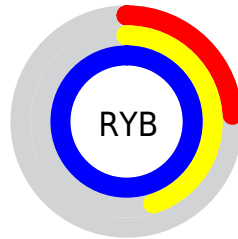
The Hex color **3C8AFD** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FDAF3C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **84BFFF**, and **0059C4** is the 20% darker color. If you saturate the color by 10%, you get **237BFD**, and if you desaturate by 10%, it is **5599FD**.

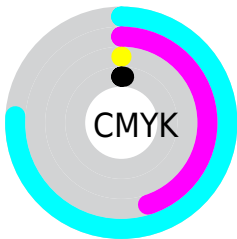
Distribution



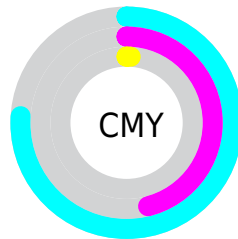
- Red (24%)
- Green (54%)
- Blue (99%)



- Red (24%)
- Yellow (45%)
- Blue (99%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)
- Black (1%)



- Cyan (76%)
- Magenta (46%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8AFD 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 3C8AFD by changing the saturation by 10% instead.

 3C8AFD

 3C8AFD

FFFFFF

 0071E0

 84BFFF

 0059C4

 A4DAFF

 0043A8

 C4F7FF

 002E8D

 E3FFFF

 001B72

 000759

 000741

 00032A

 000114

■ 3C8AFD

■ 3C8AFD

■ 237BFD

■ 5599FD

■ 096CFD

■ 6FA8FD

■ 0066FD

■ 88B7FD

■ A1C6FD

■ BBD5FD

■ D4E4FD

■ EDF4FD

FFFFFD

Harmonies

Analogous

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



009BFB



3C8AFD



AF70E1

Triad

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



3C8AFD



E5643F



00A569

Complementary

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



3C8AFD



FDAF3C

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.



4C9E30



3C8AFD



C27E07

Square

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



3C8AFD



F35175



8F9100



00A7A5

Rectangle

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



3C8AFD



D65EC1



8F9100



00A355

Sweetspot

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



3C8AFD



C4DCFF



3CFDAD



5C6A80



000000



808080

Same Dimension

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



3C8AFD



1473FF



4C3CFD



737880



004DBF



001A40

Inverse Universe

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



FD3C8A



FF1473



EDFD3C



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color 3C8AFD looks on a white background.

Color Contrast Check

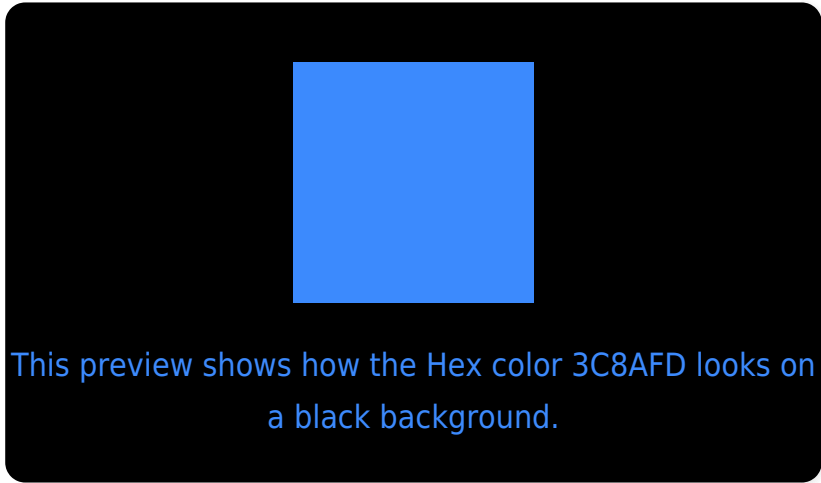
Large Text (above 18pt) WCAG AA ✓ Pass

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

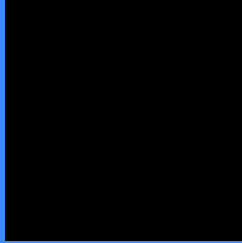
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

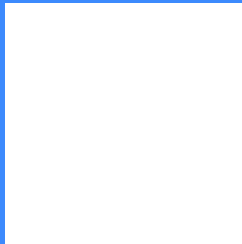
Any Text WCAG AAA × Fail

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

Hex 3C8AFD Background



This preview shows how black text looks on a background with the Hex color 3C8AFD.

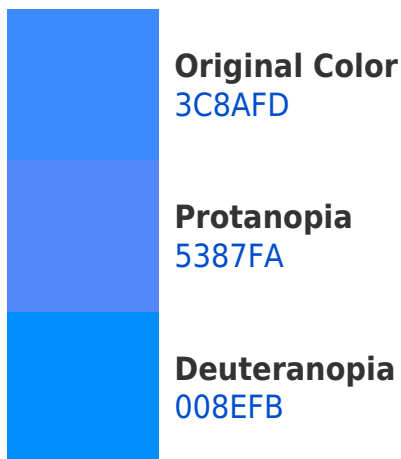


This preview shows how white text looks on a background with the Hex color 3C8AFD.

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](#).

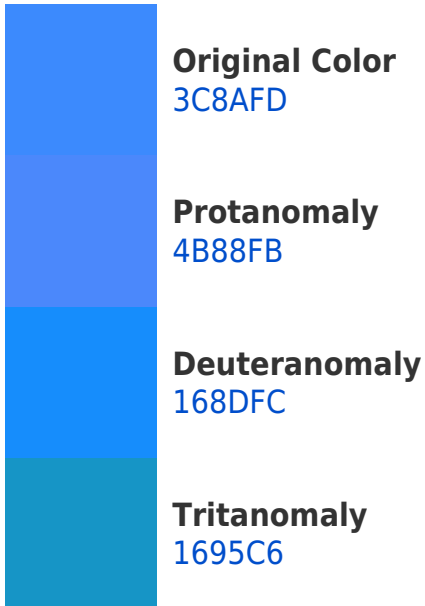
Dichromacy



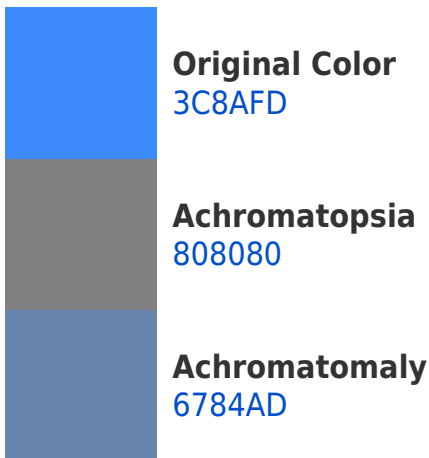


Tritanopia
009BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8AFD 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 #3C8AFD looks like.

```
.text, #text, p{  
    color:#3C8AFD  
}
```

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 #3C8AFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8AFD
}
```

Border

The CSS property to change the border of an element to Hex 3C8AFD 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
#3C8AFD }
```

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

```
.border{ border-color:#3C8AFD }
```

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

Here you see how a box with a 4 pixel #3C8AFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8AFD; -webkit-box-shadow:4px 4px  
4px 4px #3C8AFD; box-shadow:4px 4px 4px  
4px #3C8AFD }
```

Background

The CSS property to change the background color of an element to Hex 3C8AFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8AFD }
```

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

```
.background{ background-color:#3C8AFD }
```

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