

# Converting Colors

Hex(3888FD)

Have a look what the booklet for  
Hex(3888FD) contains.

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# Color

**Hex(3888FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3888FD
RGB	56, 136, 253
RGB Percent	22%, 53%, 99%
CMY	0.7804, 0.4667, 0.0078
CMYK	0.78, 0.46, 0.00, 0.01
HSL	216°, 98%, 61%
HSV	216°, 78%, 99%
XYZ	28.1647, 25.5409, 96.3740
YIQ	125.4180, -85.2370, 19.4270

# Conversions

## Conversions Part 2

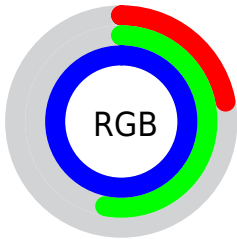
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	56, 113, 253
Decimal	3705085
CIE <sub>Lab</sub>	57.60, 16.11, -65.13
CIE <sub>LCh</sub>	58, 67.095, 283.891
Yxy	25.5409, 0.1877, 0.1702
Android (android.graphics.Color)	4281895165 (0xFF3888FD)
YUV	125.4180, 62.8979, -60.8796
Hunter-Lab	50.5380, 11.0359, -77.6870

# Details

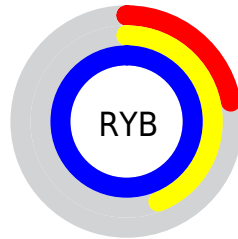
The Hex color **3888FD** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FDAD38**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **82BDFF**, and **0057C3** is the 20% darker color. If you saturate the color by 10%, you get **1F79FD**, and if you desaturate by 10%, it is **5197FD**.

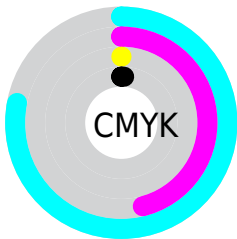
# Distribution



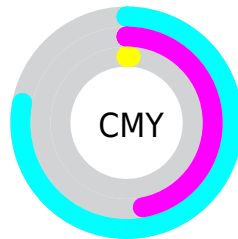
- Red (22%)
- Green (53%)
- Blue (99%)



- Red (22%)
- Yellow (44%)
- Blue (99%)



- Cyan (78%)
- Magenta (46%)
- Yellow (0%)
- Black (1%)



- Cyan (78%)
- Magenta (47%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3888FD 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 3888FD by changing the saturation by 10% instead.



 3888FD

 3888FD

FFFFFF

 006FE0

 82BDFF

 0057C3

 A2D8FF

 0041A8

 C2F5FF

 002C8D

 E1FFFF

 001A72

 000859

 000741

 00032A

 000114

■ 3888FD

■ 3888FD

■ 1F79FD

■ 5197FD

■ 056AFD

■ 6BA6FD

■ 0067FD

■ 84B5FD

■ 9DC4FD

■ B7D3FD

■ D0E2FD

■ E9F1FD

FFFFFD

# Harmonies

## Analogous

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



009AFB



3888FD



AF6EE0

# Triad

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



3888FD



E4623B



00A368

# Complementary

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



3888FD



FDAD38

# 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.



479D2D



3888FD



C07C00

# Square

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



3888FD



F34D72



8C9000



00A5A5

# Rectangle

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



3888FD



D65BBF



8C9000



00A254



# Sweetspot

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



3888FD



C4DCFF



38FDAB



5C6A80



000000



808080



# Same Dimension

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



3888FD



1272FF



4838FD



737880



004EBF



001A40



# Inverse Universe

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



FD3888



FF1272



EDFD38



807378



BF004E



40001A



# Previews

## White Background



This preview shows how the Hex color 3888FD looks on a white background.

## Color Contrast Check

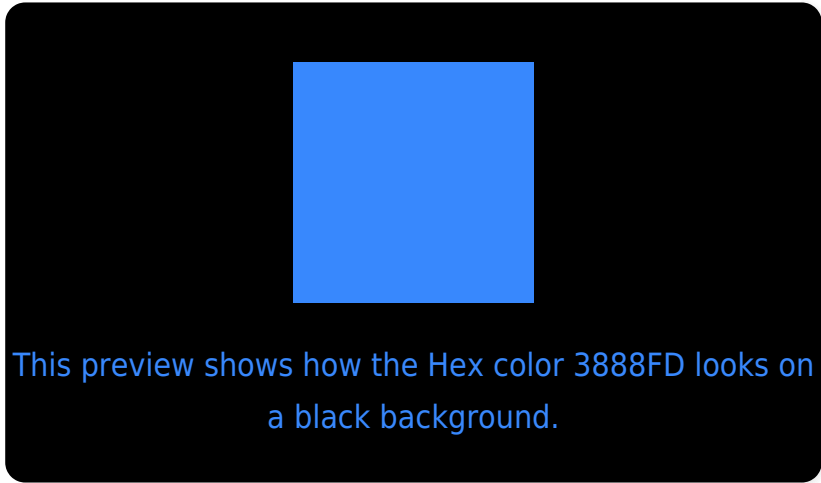
Large Text (above 18pt) WCAG AA ✓ Pass

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

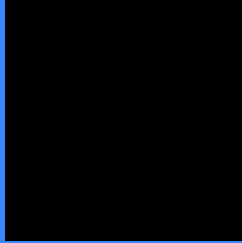
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

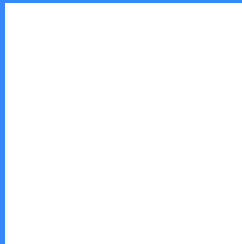
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3888FD Background



This preview shows how black text looks on a background with the Hex color 3888FD.



This preview shows how white text looks on a background with the Hex color 3888FD.

# 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](#).

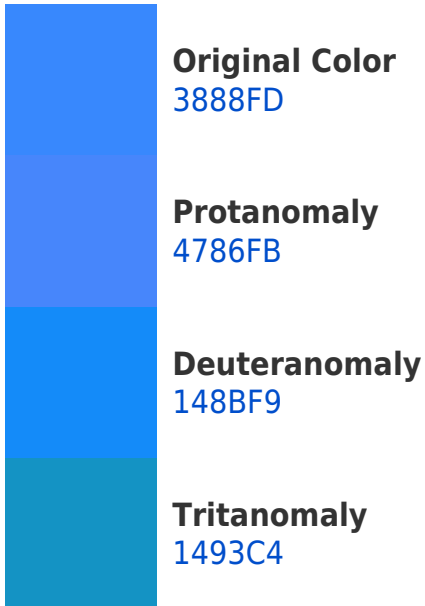
## Dichromacy



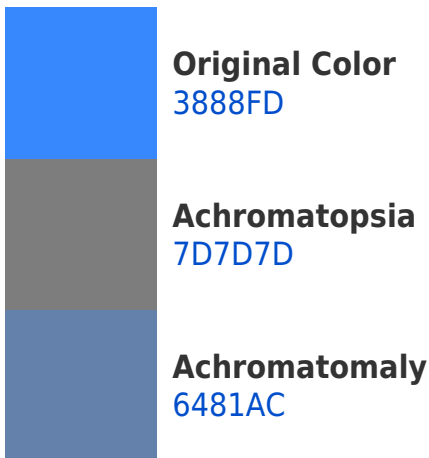


**Tritanopia**  
0099A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3888FD 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 #3888FD looks like.

```
.text, #text, p{  
    color:#3888FD  
}
```

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 #3888FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3888FD
}
```

## Border

The CSS property to change the border of an element to Hex 3888FD 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
#3888FD }
```

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

```
.border{ border-color:#3888FD }
```

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

Here you see how a box with a 4 pixel #3888FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3888FD; -webkit-box-shadow:4px 4px  
4px 4px #3888FD; box-shadow:4px 4px 4px  
4px #3888FD }
```

# Background

The CSS property to change the background color of an element to Hex 3888FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3888FD }
```

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

```
.background{ background-color:#3888FD }
```

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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