

Converting Colors

Hex(3B8FC7)

Have a look what the booklet for
Hex(3B8FC7) contains.

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Color

Hex(3B8FC7)

Conversions

Conversions Part 1

Format	Color
Hex	3B8FC7
RGB	59, 143, 199
RGB Percent	23%, 56%, 78%
CMY	0.7686, 0.4392, 0.2196
CMYK	0.70, 0.28, 0.00, 0.22
HSL	204°, 56%, 51%
HSV	204°, 70%, 78%
XYZ	21.9349, 24.6982, 57.6440
YIQ	124.2680, -68.0400, -0.3920

Conversions

Conversions Part 2

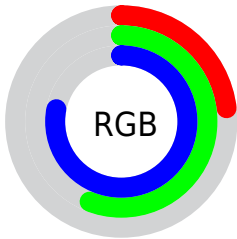
Format	Color
RYB	59, 112, 199
Decimal	3903431
CIELab	56.78, -7.02, -36.31
CIELCh	57, 36.982, 259.064
Yxy	24.6982, 0.2104, 0.2369
Android (android.graphics.Color)	4282093511 (0xFF3B8FC7)
YUV	124.2680, 36.8429, -57.2400
Hunter-Lab	49.6973, -8.1858, -33.9824

Details

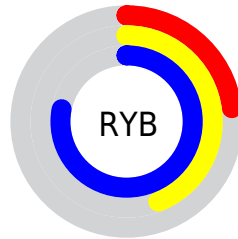
The Hex color **3B8FC7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **C7733B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7AC5FF**, and **005D91** is the 20% darker color. If you saturate the color by 10%, you get **2787C7**, and if you desaturate by 10%, it is **4F97C7**.

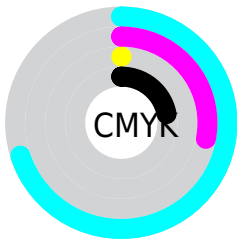
Distribution



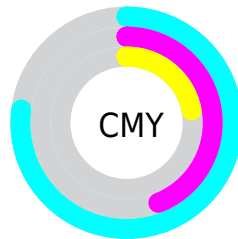
- Red (23%)
- Green (56%)
- Blue (78%)



- Red (23%)
- Yellow (44%)
- Blue (78%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8FC7 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 3B8FC7 by changing the saturation by 10% instead.



3B8FC7



3B8FC7

FFFFFF



0975AC



7AC5FF



005D91



98E0FF



004677



B5FDFF



00305E



D3FFFF



001B46



F1FFFF



00042F



000119



000000



3B8FC7



3B8FC7

■ 2787C7

■ 4F97C7

■ 137FC7

■ 639FC7

■ 0077C7

■ 77A7C7

■ 8BAFC7

■ 9FB7C7

■ B2BFC7

■ C6C7C7

■ DACFC7

■ EED7C7

Harmonies

Analogous

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



0096B8



3B8FC7



7984C5

Triad

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



3B8FC7



C66F75



63945D

Complementary

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



3B8FC7



C7733B

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.



888D4A



3B8FC7



BD7759

Square

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



3B8FC7



BF7095



A78248



33987B

Rectangle

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



3B8FC7



987CBA



A78248



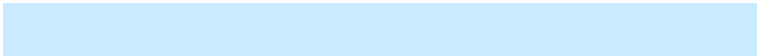
709255

Sweetspot

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



3B8FC7



C9EAFF



3BC773



607380



000000



808080

Same Dimension

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



3B8FC7



29A9FF



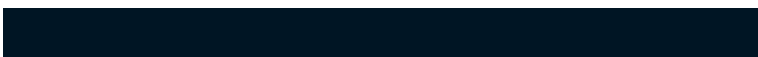
3B49C7



5A5F63



0062A3



001524

Inverse Universe

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



C73B8F



FF29A9



C7B93B



635A5F



A30062



240015

Previews

White Background



This preview shows how the Hex color 3B8FC7 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



This preview shows how the Hex color 3B8FC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

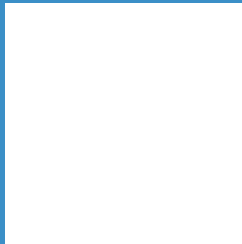
Any Text WCAG AAA × Fail

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

Hex 3B8FC7 Background



This preview shows how black text looks on a background with the Hex color 3B8FC7.

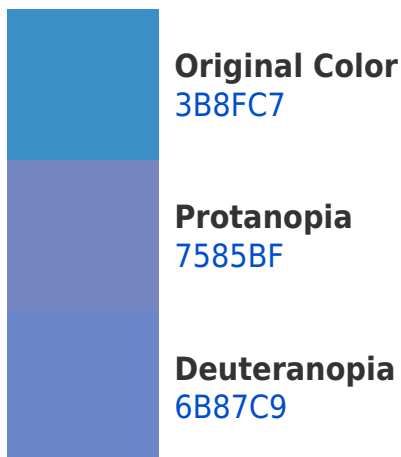


This preview shows how white text looks on a background with the Hex color 3B8FC7.

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](#).

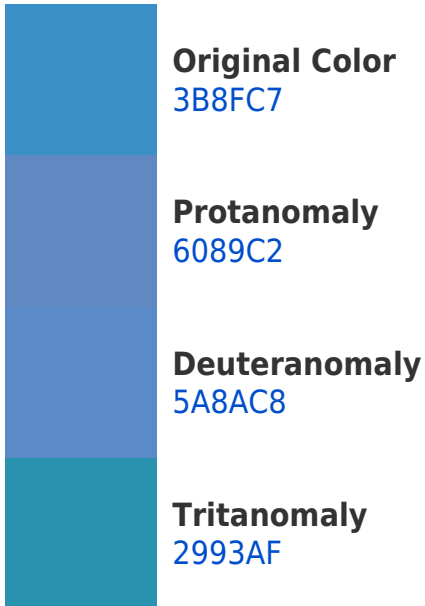
Dichromacy



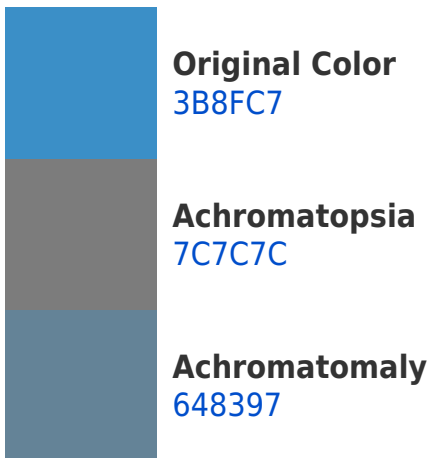


Tritanopia
1E96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8FC7 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 #3B8FC7 looks like.

```
.text, #text, p{  
    color:#3B8FC7  
}
```

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 #3B8FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8FC7
}
```

Border

The CSS property to change the border of an element to Hex 3B8FC7 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
#3B8FC7 }
```

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

```
.border{ border-color:#3B8FC7 }
```

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

Here you see how a box with a 4 pixel #3B8FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8FC7; -webkit-box-shadow:4px 4px  
4px 4px #3B8FC7; box-shadow:4px 4px 4px  
4px #3B8FC7 }
```

Background

The CSS property to change the background color of an element to Hex 3B8FC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8FC7 }
```

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

```
.background{ background-color:#3B8FC7 }
```

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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