

Converting Colors

Hex(3B8FBB)

Have a look what the booklet for
Hex(3B8FBB) contains.

Hex(3B8FBB)	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(3B8FBB)

Conversions

Conversions Part 1

Format	Color
Hex	3B8FBB
RGB	59, 143, 187
RGB Percent	23%, 56%, 73%
CMY	0.7686, 0.4392, 0.2667
CMYK	0.68, 0.24, 0.00, 0.27
HSL	201°, 52%, 48%
HSV	201°, 68%, 73%
XYZ	20.5957, 24.1626, 50.5920
YIQ	122.9000, -64.1880, -4.1240

Conversions

Conversions Part 2

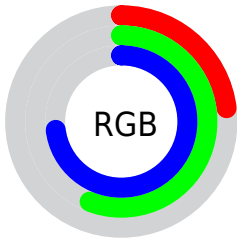
Format	Color
RYB	59, 110, 187
Decimal	3903419
CIELab	56.25, -11.10, -30.34
CIELCh	56, 32.306, 249.896
Yxy	24.1626, 0.2160, 0.2534
Android (android.graphics.Color)	4282093499 (0xFF3B8FBB)
YUV	122.9000, 31.6013, -56.0403
Hunter-Lab	49.1555, -11.2320, -26.6140

Details

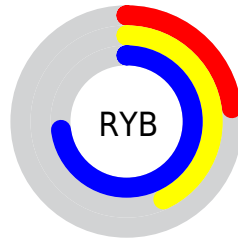
The Hex color **3B8FBB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BB673B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **78C5F3**, and **005D86** is the 20% darker color. If you saturate the color by 10%, you get **2889BB**, and if you desaturate by 10%, it is **4E95BB**.

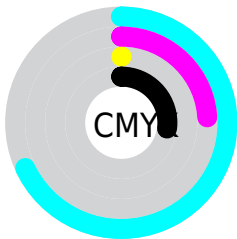
Distribution



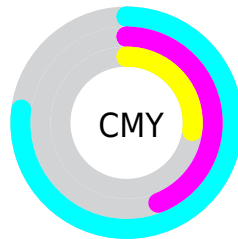
- Red (23%)
- Green (56%)
- Blue (73%)



- Red (23%)
- Yellow (43%)
- Blue (73%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8FBB 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 3B8FBB by changing the saturation by 10% instead.

■ 3B8FBB

■ 3B8FBB

FFFFFF

■ 0F75A0

■ 78C5F3

■ 005D86

■ 95E1FF

■ 00456C

■ B3FDFF

■ 002F54

■ D0FFFF

■ 001B3C

■ EEEFFF

■ 000326

■ 00010F

■ 000000

■ 3B8FBB

■ 3B8FBB

■ 2889BB

■ 4E95BB

■ 1682BB

■ 609CBB

■ 037CBB

■ 73A2BB

■ 007BBB

■ 86A9BB

■ 98AFBB

■ ABB6BB

■ BEBCBB

■ D1C2BB

■ E3C9BB

Harmonies

Analogous

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



0294AA



3B8FBB



6D86BE

Triad

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



3B8FBB



BD717E



71905B

Complementary

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



3B8FBB



BB673B

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.



90884F



3B8FBB



BA7664

Square

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



3B8FBB



B2749B



A97F52



4E9473

Rectangle

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



3B8FBB



8A80B8



A97F52



7C8E55

Sweetspot

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



3B8FBB



BFE1F2



3BBB66



5C707A



FAFAFA



7A7A7A

Same Dimension

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



3B8FBB



2CAEF2



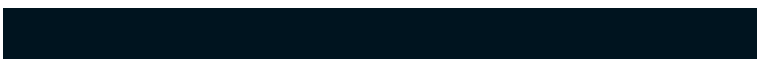
3B50BB



555B5E



00689E



00141F

Inverse Universe

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



BB3B8F



F22CAE



BBA63B



5E555B



9E0068



1F0014

Previews

White Background



This preview shows how the Hex color 3B8FBB looks on a white background.

Color Contrast Check

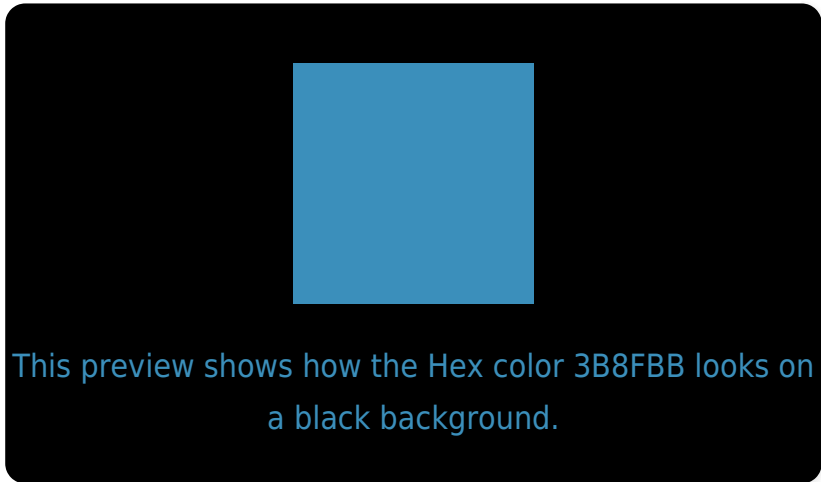
Large Text (above 18pt) WCAG AA ✓ Pass

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

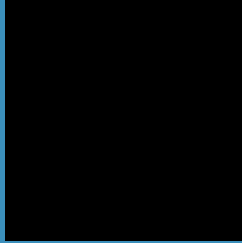
Any Text WCAG AA ✓ Pass

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 3B8FBB Background



This preview shows how black text looks on a background with the Hex color 3B8FBB.

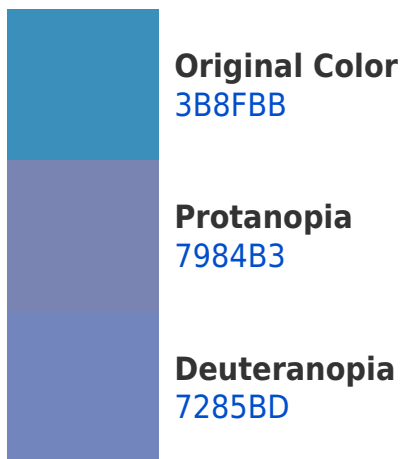


This preview shows how white text looks on a background with the Hex color 3B8FBB.

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](#).

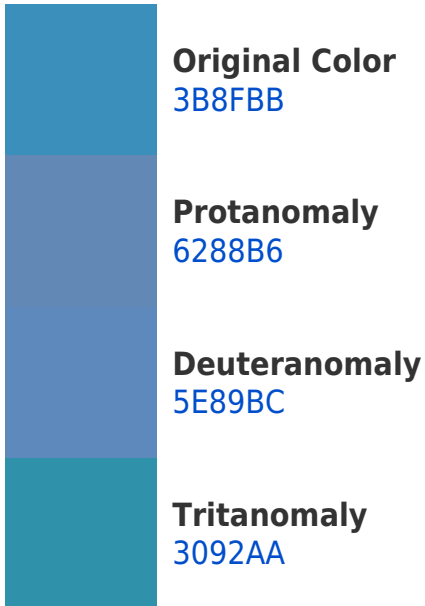
Dichromacy



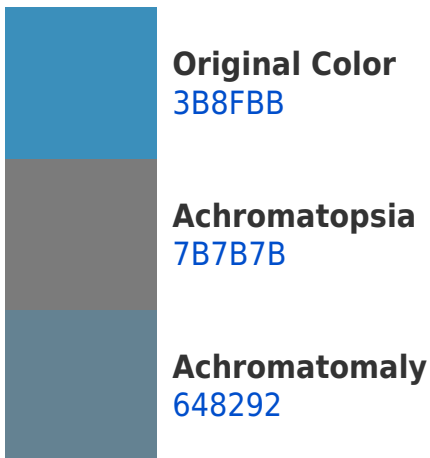


Tritanopia
2A94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8FBB 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 #3B8FBB looks like.

```
.text, #text, p{  
    color:#3B8FBB  
}
```

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 #3B8FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8FBB
}
```

Border

The CSS property to change the border of an element to Hex 3B8FBB 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
#3B8FBB }
```

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

```
.border{ border-color:#3B8FBB }
```

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

Here you see how a box with a 4 pixel #3B8FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8FBB; -webkit-box-shadow:4px 4px  
4px 4px #3B8FBB; box-shadow:4px 4px 4px  
4px #3B8FBB }
```

Background

The CSS property to change the background color of an element to Hex 3B8FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8FBB }
```

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

```
.background{ background-color:#3B8FBB }
```

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