

Converting Colors

Hex(3B8CEF)

Have a look what the booklet for
Hex(3B8CEF) contains.

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Color

Hex(3B8CEF)

Conversions

Conversions Part 1

Format	Color
Hex	3B8CEF
RGB	59, 140, 239
RGB Percent	23%, 55%, 94%
CMY	0.7686, 0.4510, 0.0627
CMYK	0.75, 0.41, 0.00, 0.06
HSL	213°, 85%, 58%
HSV	213°, 75%, 94%
XYZ	26.7617, 25.9180, 85.2535
YIQ	127.0670, -80.0550, 13.6170

Conversions

Conversions Part 2

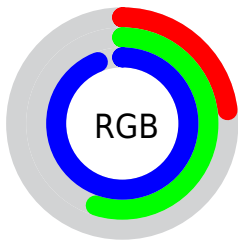
Format	Color
R _Y B	59, 115, 239
Decimal	3902703
CIE Lab	57.96, 8.92, -56.82
CIE LCh	58, 57.519, 278.926
Yxy	25.9180, 0.1940, 0.1879
Android (android.graphics.Color)	4282092783 (0xFF3B8CEF)
YUV	127.0670, 55.1830, -59.6948
Hunter-Lab	50.9097, 4.7402, -63.6504

Details

The Hex color **3B8CEF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **EF9E3B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **81C1FF**, and **005BB6** is the 20% darker color. If you saturate the color by 10%, you get **237FEF**, and if you desaturate by 10%, it is **5399EF**.

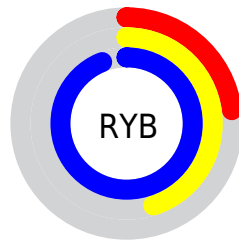
Distribution



Red (23%)

Green (55%)

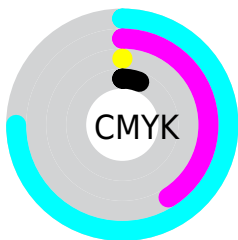
Blue (94%)



Red (23%)

Yellow (45%)

Blue (94%)

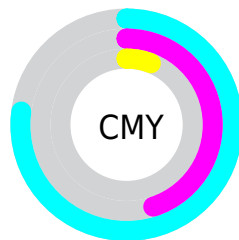


Cyan (75%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (77%)

Magenta (45%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8CEF 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 3B8CEF by changing the saturation by 10% instead.

 3B8CEF

 3B8CEF

FFFFFF

 0073D2

 81C1FF

 005BB6

 A0DDFF

 00449B

 BFF9FF

 002F80

 DEFFFF

 001C67

 FDFFFF

 000A4E

 000536

 000220

 000004

■ 3B8CEF

■ 3B8CEF

■ 237FEF

■ 5399EF

■ 0B72EF

■ 6BA6EF

■ 006CEF

■ 83B3EF

■ 9BC1EF

■ B3CEEF

■ CADBEF

■ E2E8EF

■ FAF5EF

■ FFFFEF

Harmonies

Analogous

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



009AE9



3B8CEF



A177DA

Triad

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



3B8CEF



DE674F



00A165

Complementary

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



3B8CEF



EF9E3B

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.



619A37



3B8CEF



C27C28

Square

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



3B8CEF



E65B7E



978E1A



00A399

Rectangle

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



3B8CEF



C669C0



978E1A



279F55

Sweetspot

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



3B8CEF



C4DFFF



3BEF9E



5C6C80



000000



808080

Same Dimension

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



3B8CEF



1981FF



443BEF



6C7178



0053B8



001938

Inverse Universe

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



EF3B8C



FF1981



E6EF3B



786C71



B80053



380019

Previews

White Background



This preview shows how the Hex color 3B8CEF looks on a white background.

Color Contrast Check

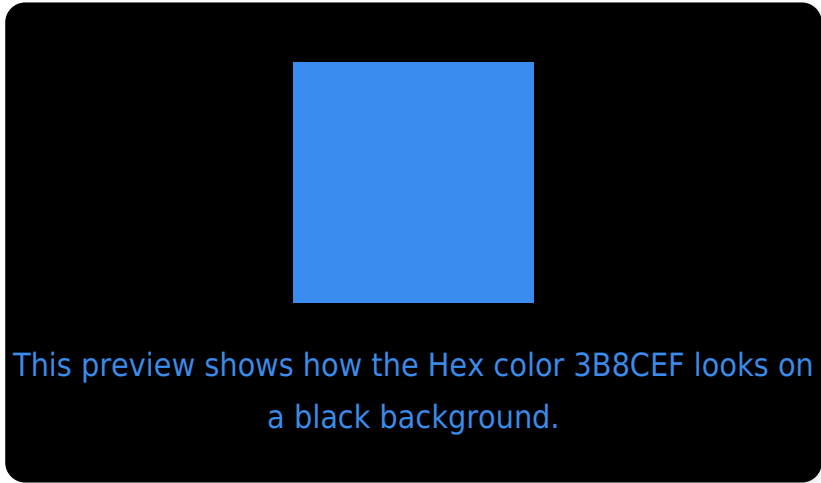
Large Text (above 18pt) WCAG AA ✓ Pass

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

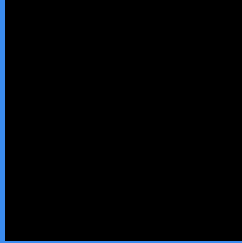
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

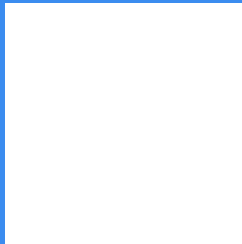
Any Text WCAG AAA × Fail

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

Hex 3B8CEF Background



This preview shows how black text looks on a background with the Hex color 3B8CEF.



This preview shows how white text looks on a background with the Hex color 3B8CEF.

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](#).

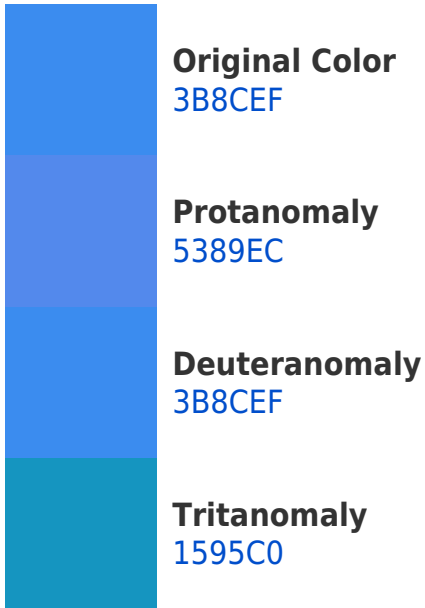
Dichromacy



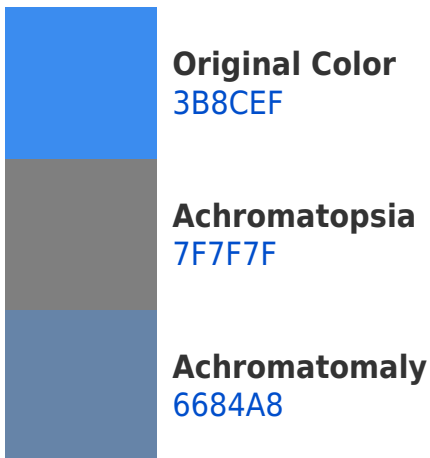


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8CEF 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 #3B8CEF looks like.

```
.text, #text, p{  
    color:#3B8CEF  
}
```

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 #3B8CEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8CEF
}
```

Border

The CSS property to change the border of an element to Hex 3B8CEF 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
#3B8CEF }
```

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

```
.border{ border-color:#3B8CEF }
```

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

Here you see how a box with a 4 pixel #3B8CEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8CEF; -webkit-box-shadow:4px 4px  
4px 4px #3B8CEF; box-shadow:4px 4px 4px  
4px #3B8CEF }
```

Background

The CSS property to change the background color of an element to Hex 3B8CEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8CEF }
```

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

```
.background{ background-color:#3B8CEF }
```

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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