

Converting Colors

Hex(3B8DF8)

Have a look what the booklet for
Hex(3B8DF8) contains.

Hex(3B8DF8)	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(3B8DF8)

Conversions

Conversions Part 1

Format	Color
Hex	3B8DF8
RGB	59, 141, 248
RGB Percent	23%, 55%, 97%
CMY	0.7686, 0.4471, 0.0275
CMYK	0.76, 0.43, 0.00, 0.03
HSL	214°, 93%, 60%
HSV	214°, 76%, 97%
XYZ	28.2718, 26.7569, 92.4814
YIQ	128.6800, -83.2190, 15.8930

Conversions

Conversions Part 2

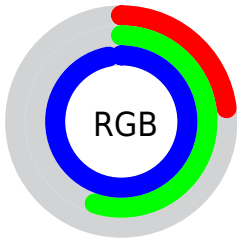
Format	Color
R _Y B	59, 116, 248
Decimal	3902968
CIE Lab	58.75, 11.57, -60.53
CIE LCh	59, 61.626, 280.824
Yxy	26.7569, 0.1917, 0.1814
Android (android.graphics.Color)	4282093048 (0xFF3B8DF8)
YUV	128.6800, 58.8248, -61.1094
Hunter-Lab	51.7270, 7.0381, -69.7941

Details

The Hex color **3B8DF8** 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 **F8A63B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **83C2FF**, and **005CBF** is the 20% darker color. If you saturate the color by 10%, you get **227FF8**, and if you desaturate by 10%, it is **549BF8**.

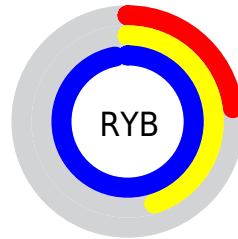
Distribution



Red (23%)

Green (55%)

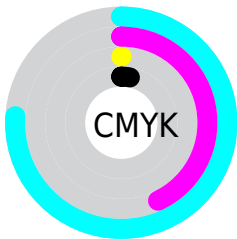
Blue (97%)



Red (23%)

Yellow (45%)

Blue (97%)

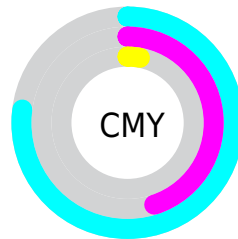


Cyan (76%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (77%)

Magenta (45%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8DF8 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 3B8DF8 by changing the saturation by 10% instead.

 3B8DF8

 3B8DF8

FFFFFF

 0074DB

 83C2FF

 005CBF

 A2DEFF

 0045A3

 C2FAFF

 003088

 E1FFFF

 001D6E

 000755

 00063D

 000326

 00010F

■ 3B8DF8

■ 3B8DF8

■ 227FF8

■ 549BF8

■ 0971F8

■ 6DA9F8

■ 006CF8

■ 85B7F8

■ 9EC5F8

■ B7D3F8

■ D0E1F8

■ E9EFF8

■ FFFDF8

■ FFFFF8

Harmonies

Analogous

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



009DF3



3B8DF8



A976E0

Triad

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



3B8DF8



E46749



00A468

Complementary

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



3B8DF8



F8A63B

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.



5A9E34



3B8DF8



C47E1E

Square

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



3B8DF8



EF587C



96910D



00A7A0

Rectangle

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



3B8DF8



CF66C3



96910D



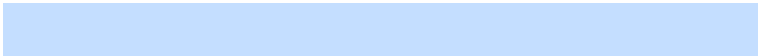
00A356

Sweetspot

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



3B8DF8



C4DEFF



3BF8A3



5C6B80



000000



808080

Same Dimension

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



3B8DF8



177CFF



443BF8



70767D



0052BD



001B3D

Inverse Universe

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



F83B8D



FF177C



EFF83B



7D7076



BD0052



3D001B

Previews

White Background



This preview shows how the Hex color 3B8DF8 looks on a white background.

Color Contrast Check

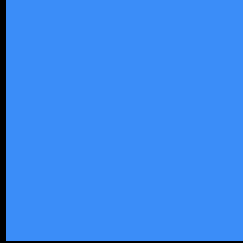
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B8DF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

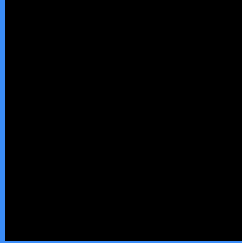
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

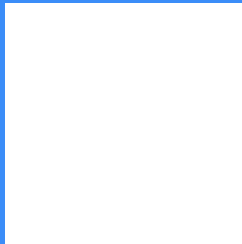
Any Text WCAG AAA × Fail

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

Hex 3B8DF8 Background



This preview shows how black text looks on a background with the Hex color 3B8DF8.



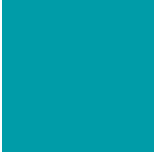
This preview shows how white text looks on a background with the Hex color 3B8DF8.

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](#).

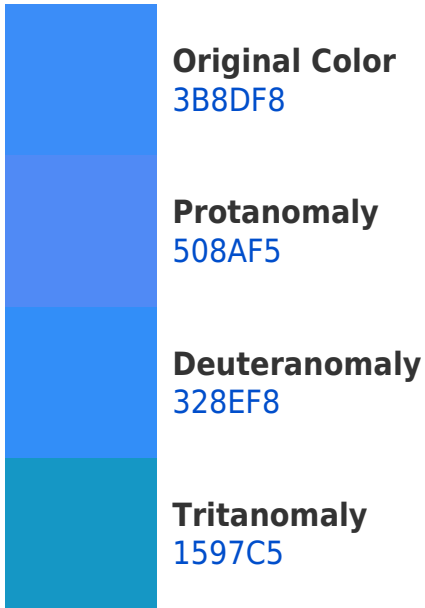
Dichromacy





Tritanopia
009CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8DF8 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 #3B8DF8 looks like.

```
.text, #text, p{  
    color:#3B8DF8  
}
```

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 #3B8DF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8DF8
}
```

Border

The CSS property to change the border of an element to Hex 3B8DF8 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
#3B8DF8 }
```

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

```
.border{ border-color:#3B8DF8 }
```

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

Here you see how a box with a 4 pixel #3B8DF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8DF8; -webkit-box-shadow:4px 4px  
4px 4px #3B8DF8; box-shadow:4px 4px 4px  
4px #3B8DF8 }
```

Background

The CSS property to change the background color of an element to Hex 3B8DF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8DF8 }
```

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

```
.background{ background-color:#3B8DF8 }
```

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