

Converting Colors

Hex(3C8FF5)

Have a look what the booklet for
Hex(3C8FF5) contains.

Hex(3C8FF5)	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(3C8FF5)

Conversions

Conversions Part 1

Format	Color
Hex	3C8FF5
RGB	60, 143, 245
RGB Percent	24%, 56%, 96%
CMY	0.7647, 0.4392, 0.0392
CMYK	0.76, 0.42, 0.00, 0.04
HSL	213°, 90%, 60%
HSV	213°, 76%, 96%
XYZ	28.1674, 27.1982, 90.1514
YIQ	129.8110, -82.2100, 14.1260

Conversions

Conversions Part 2

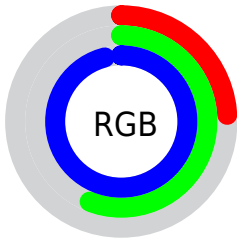
Format	Color
R _{YB}	60, 117, 245
Decimal	3969013
CIE Lab	59.16, 9.40, -58.22
CIE LCh	59, 58.975, 279.172
Yxy	27.1982, 0.1936, 0.1869
Android (android.graphics.Color)	4282159093 (0xFF3C8FF5)
YUV	129.8110, 56.7882, -61.2242
Hunter-Lab	52.1518, 5.1427, -65.9843

Details

The Hex color **3C8FF5** 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 **F5A23C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **83C4FF**, and **005EBC** is the 20% darker color. If you saturate the color by 10%, you get **2381F5**, and if you desaturate by 10%, it is **549DF5**.

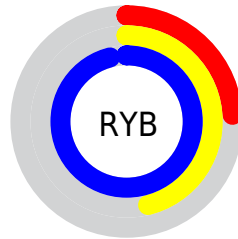
Distribution



Red (24%)

Green (56%)

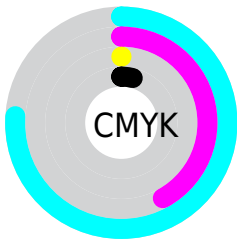
Blue (96%)



Red (24%)

Yellow (46%)

Blue (96%)

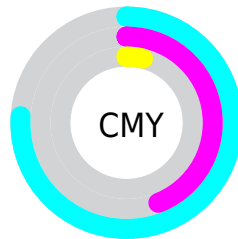


Cyan (76%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (44%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8FF5 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 3C8FF5 by changing the saturation by 10% instead.

 3C8FF5

 3C8FF5

FFFFFF

 0076D8

 83C4FF

 005EBC

 A2E0FF

 0047A1

 C1FCFF

 003186

 E0FFFF

 001E6C

 000753

 00063B

 000224

 00000C

■ 3C8FF5

■ 3C8FF5

■ 2381F5

■ 549DF5

■ 0B74F5

■ 6DAAF5

■ 006EF5

■ 85B8F5

■ 9EC5F5

■ B6D3F5

■ CFE0F5

■ E7EEF5

■ FFFBF5

■ FFFFF5

Harmonies

Analogous

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



009EEF



3C8FF5



A57ADF

Triad

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



3C8FF5



E4694F



00A568

Complementary

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



3C8FF5



F5A23C

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.



629E38



3C8FF5



C67E28

Square

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



3C8FF5



EC5D81



9A9119



00A79D

Rectangle

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



3C8FF5



CB6BC4



9A9119



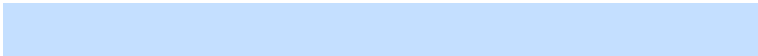
25A357

Sweetspot

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



3C8FF5



C4DFFF



3CF5A2



5C6C80



000000



808080

Same Dimension

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



3C8FF5



177FFF



453CF5



6E747A



0054BA



001A3B

Inverse Universe

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



F53C8F



FF177F



ECF53C



7A6E74



BA0054



3B001A

Previews

White Background



This preview shows how the Hex color 3C8FF5 looks on a white background.

Color Contrast Check

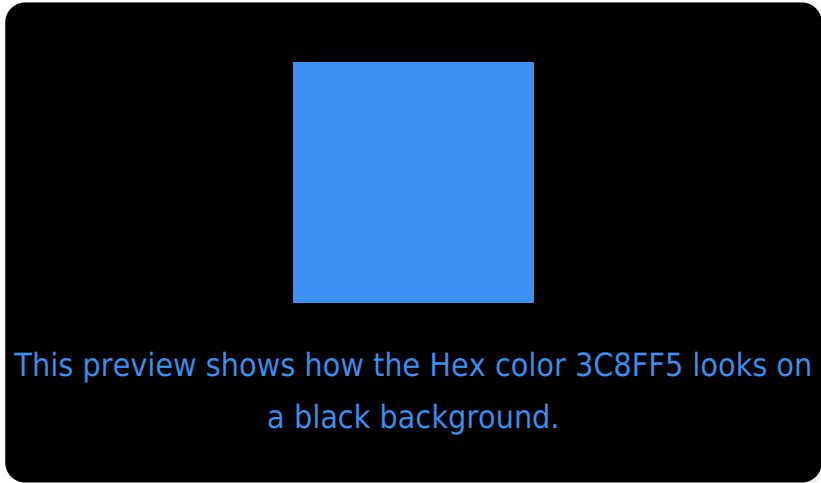
Large Text (above 18pt) WCAG AA ✓ Pass

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

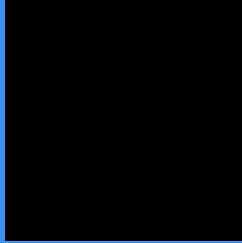
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

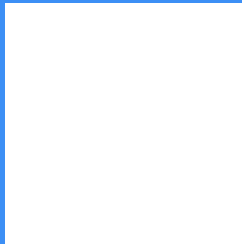
Any Text WCAG AAA × Fail

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

Hex 3C8FF5 Background



This preview shows how black text looks on a background with the Hex color 3C8FF5.



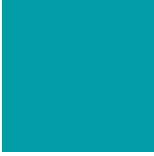
This preview shows how white text looks on a background with the Hex color 3C8FF5.

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



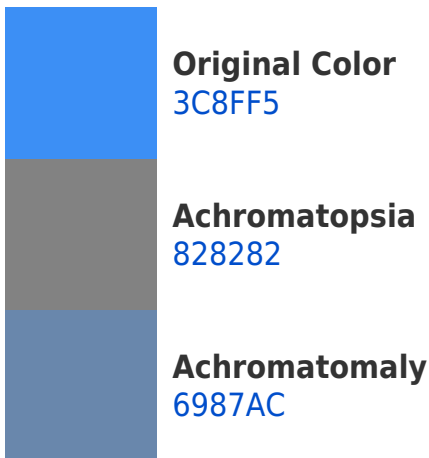


Tritanopia
009DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8FF5 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 #3C8FF5 looks like.

```
.text, #text, p{  
    color:#3C8FF5  
}
```

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 #3C8FF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8FF5
}
```

Border

The CSS property to change the border of an element to Hex 3C8FF5 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
#3C8FF5 }
```

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

```
.border{ border-color:#3C8FF5 }
```

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

Here you see how a box with a 4 pixel #3C8FF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8FF5; -webkit-box-shadow:4px 4px  
4px 4px #3C8FF5; box-shadow:4px 4px 4px  
4px #3C8FF5 }
```

Background

The CSS property to change the background color of an element to Hex 3C8FF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8FF5 }
```

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

```
.background{ background-color:#3C8FF5 }
```

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