

Converting Colors

Hex(3398FF)

Have a look what the booklet for
Hex(3398FF) contains.

Hex(3398FF)	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(3398FF)

Conversions

Conversions Part 1

Format	Color
Hex	3398FF
RGB	51, 152, 255
RGB Percent	20%, 60%, 100%
CMY	0.8000, 0.4039, 0.0000
CMYK	0.80, 0.40, 0.00, 0.00
HSL	210°, 100%, 60%
HSV	210°, 80%, 100%
XYZ	30.6435, 30.3803, 98.8566
YIQ	133.5430, -93.2590, 10.6210

Conversions

Conversions Part 2

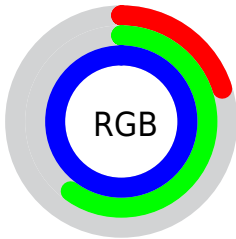
Format	Color
R _Y B	51, 119, 255
Decimal	3381503
CIE Lab	61.98, 6.72, -59.21
CIE LCh	62, 59.593, 276.479
Yxy	30.3803, 0.1917, 0.1900
Android (android.graphics.Color)	4281571583 (0xFF3398FF)
YUV	133.5430, 59.8783, -72.3902
Hunter-Lab	55.1183, 2.7815, -67.7559

Details

The Hex color **3398FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FF9A33**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7FCEFF**, and **0066C6** is the 20% darker color. If you saturate the color by 10%, you get **198BFF**, and if you desaturate by 10%, it is **4DA5FF**.

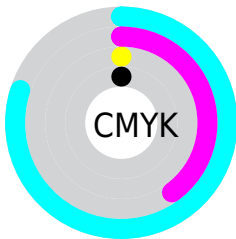
Distribution



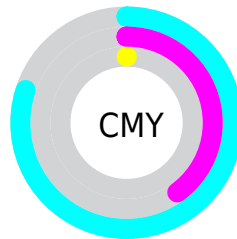
- Red (20%)
- Green (60%)
- Blue (100%)



- Red (20%)
- Yellow (47%)
- Blue (100%)



- Cyan (80%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3398FF 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 3398FF by changing the saturation by 10% instead.

 3398FF

 3398FF

FFFFFF

 007EE2

 7FCEFF

 0066C6

 A0EAFF

 004EAA

 C0FFFF

 00398F

 DFFFFFF

 002575

FEFFFF

 000F5B

 000743

 00032C

 000116

■ 3398FF

■ 3398FF

■ 198BFF

■ 4DA5FF

■ 007EFF

■ 66B2FF

■ 80BFFF

■ 99CCFF

■ B3D8FF

■ CCE5FF

■ E6F2FF

FFFFFF

Harmonies

Analogous

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



00A6F6



3398FF



A783EB

Triad

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



3398FF



EF6F5A



00AC69

Complementary

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



3398FF



FF9A33

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.



6FA43A



3398FF



D28431

Square

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



3398FF



F5648C



A79720



00AFA0

Rectangle

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



3398FF



D074D1



A79720



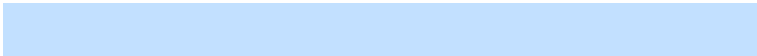
39AA58

Sweetspot

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



3398FF



C2E0FF



33FF99



5B6D80



000000



808080

Same Dimension

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



3398FF



0A83FF



3333FF



737980



005FBF



002040

Inverse Universe

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



FF3398



FF0A83



FFFF33



807379



BF005F



400020

Previews

White Background



This preview shows how the Hex color 3398FF looks on a white background.

Color Contrast Check

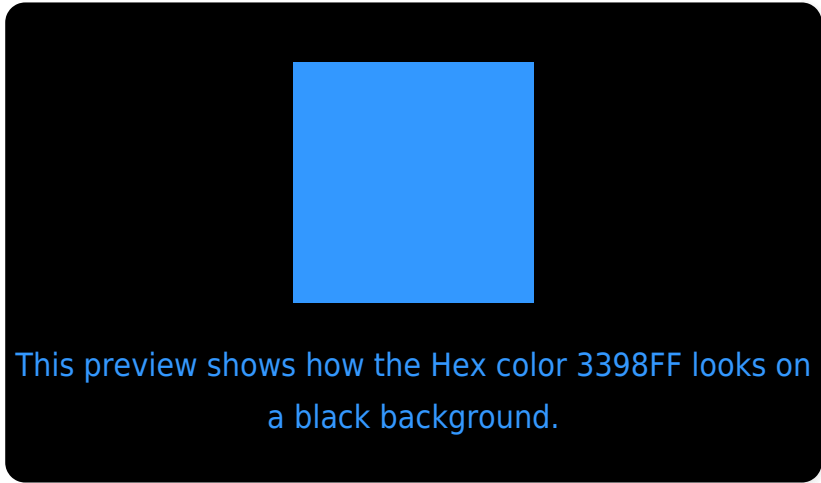
Large Text (above 18pt) WCAG AA × Fail

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

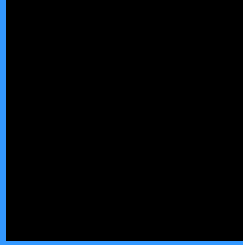
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

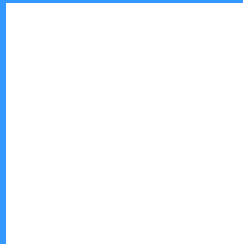
Any Text WCAG AAA ✓ Pass

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

Hex 3398FF Background



This preview shows how black text looks on a background with the Hex color 3398FF.



This preview shows how white text looks on a background with the Hex color 3398FF.

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](#).

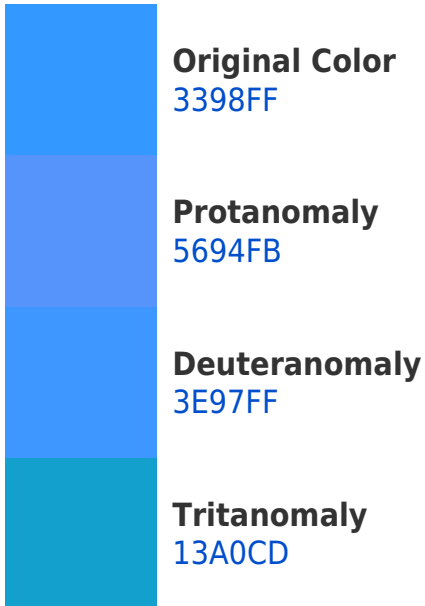
Dichromacy





Tritanopia
00A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3398FF 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 #3398FF looks like.

```
.text, #text, p{  
    color:#3398FF  
}
```

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 #3398FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3398FF
}
```

Border

The CSS property to change the border of an element to Hex 3398FF 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
#3398FF }
```

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

```
.border{ border-color:#3398FF }
```

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

Here you see how a box with a 4 pixel #3398FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3398FF; -webkit-box-shadow:4px 4px  
4px 4px #3398FF; box-shadow:4px 4px 4px  
4px #3398FF }
```

Background

The CSS property to change the background color of an element to Hex 3398FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3398FF }
```

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

```
.background{ background-color:#3398FF }
```

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