

Converting Colors

Hex(338FFF)

Have a look what the booklet for
Hex(338FFF) contains.

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Color

Hex(338FFF)

Conversions

Conversions Part 1

Format	Color
Hex	338FFF
RGB	51, 143, 255
RGB Percent	20%, 56%, 100%
CMY	0.8000, 0.4392, 0.0000
CMYK	0.80, 0.44, 0.00, 0.00
HSL	213°, 100%, 60%
HSV	213°, 80%, 100%
XYZ	29.2377, 27.5687, 98.3880
YIQ	128.2600, -90.7840, 15.3280

Conversions

Conversions Part 2

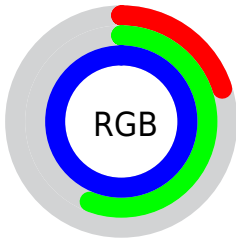
Format	Color
R _Y B	51, 114, 255
Decimal	3379199
CIE Lab	59.50, 12.11, -63.19
CIE LCh	59, 64.338, 280.845
Yxy	27.5687, 0.1884, 0.1776
Android (android.graphics.Color)	4281569279 (0xFF338FFF)
YUV	128.2600, 62.4828, -67.7570
Hunter-Lab	52.5059, 7.5116, -74.3462

Details

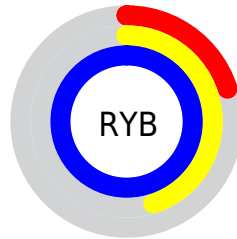
The Hex color **338FFF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FFA333**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **80C4FF**, and **005EC5** is the 20% darker color. If you saturate the color by 10%, you get **1981FF**, and if you desaturate by 10%, it is **4D9DFF**.

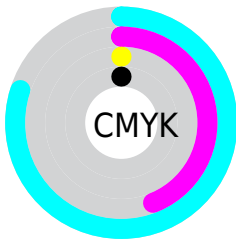
Distribution



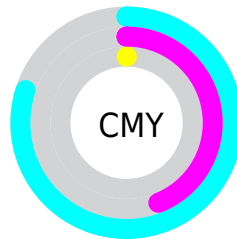
- Red (20%)
- Green (56%)
- Blue (100%)



- Red (20%)
- Yellow (45%)
- Blue (100%)



- Cyan (80%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338FFF 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 338FFF by changing the saturation by 10% instead.

 338FFF

 338FFF

FFFFFF

 0076E2

 80C4FF

 005EC5

 A0E0FF

 0047AA

 C0FCFF

 00328F

 DFFFFF

 001F74

 00065B

 000742

 00032B

 000116

■ 338FFF

■ 338FFF

■ 1981FF

■ 4D9DFF

■ 0073FF

■ 66ABFF

■ 80B9FF

■ 99C7FF

■ B3D5FF

■ CCE3FF

■ E6F1FF

FFFFFF

Harmonies

Analogous

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



009FFA



338FFF



AC77E6

Triad

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



338FFF



EA6748



00A768

Complementary

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



338FFF



FFA333

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.



59A031



338FFF



C87F19

Square

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



338FFF



F5567D



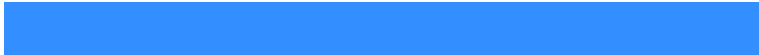
989300



00AAA3

Rectangle

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



338FFF



D466C7



989300



00A655

Sweetspot

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



338FFF



C2DDFF



33FFA0



5B6B80



000000



808080

Same Dimension

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



338FFF



0A79FF



3A33FF



737980



0056BF



001D40

Inverse Universe

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



FF338F



FF0A79



F8FF33



807379



BF0056



40001D

Previews

White Background



This preview shows how the Hex color 338FFF looks on a white background.

Color Contrast Check

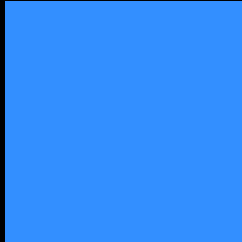
Large Text (above 18pt) WCAG AA ✓ Pass

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 338FFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

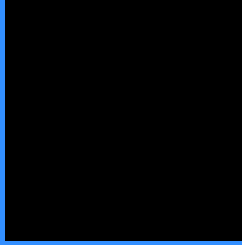
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

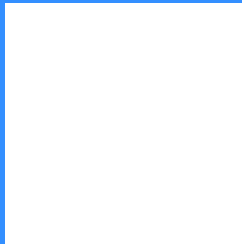
Any Text WCAG AAA × Fail

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

Hex 338FFF Background



This preview shows how black text looks on a background with the Hex color 338FFF.

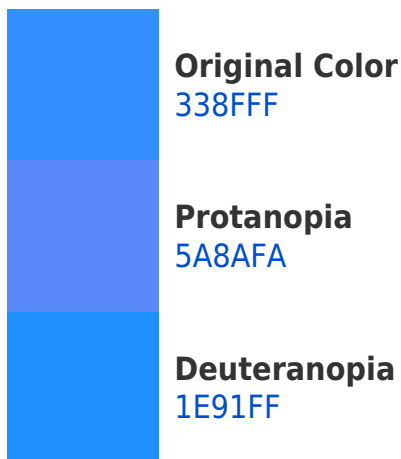


This preview shows how white text looks on a background with the Hex color 338FFF.

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



Trichromacy



Original Color
338FFF

Protanomaly
4C8CFC

Deuteranomaly
2690FF

Monochromacy



Original Color
338FFF

Achromatopsia
808080

Achromatomaly
6485AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 338FFF 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 #338FFF looks like.

```
.text, #text, p{  
    color:#338FFF  
}
```

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 #338FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338FFF
}
```

Border

The CSS property to change the border of an element to Hex 338FFF 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
#338FFF }
```

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

```
.border{ border-color:#338FFF }
```

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

Here you see how a box with a 4 pixel #338FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338FFF; -webkit-box-shadow:4px 4px  
4px 4px #338FFF; box-shadow:4px 4px 4px  
4px #338FFF }
```

Background

The CSS property to change the background color of an element to Hex 338FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338FFF }
```

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

```
.background{ background-color:#338FFF }
```

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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