

Converting Colors

Hex(339FFF)

Have a look what the booklet for
Hex(339FFF) contains.

Hex(339FFF)	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(339FFF)

Conversions

Conversions Part 1

Format	Color
Hex	339FFF
RGB	51, 159, 255
RGB Percent	20%, 62%, 100%
CMY	0.8000, 0.3765, 0.0000
CMYK	0.80, 0.38, 0.00, 0.00
HSL	208°, 100%, 60%
HSV	208°, 80%, 100%
XYZ	31.8134, 32.7201, 99.2466
YIQ	137.6520, -95.1840, 6.9600

Conversions

Conversions Part 2

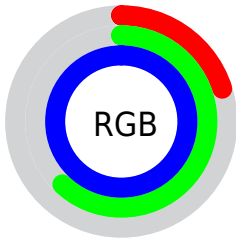
Format	Color
R _Y B	51, 122, 255
Decimal	3383295
CIE Lab	63.93, 2.62, -56.10
CIE LCh	64, 56.161, 272.670
Yxy	32.7201, 0.1942, 0.1998
Android (android.graphics.Color)	4281573375 (0xFF339FFF)
YUV	137.6520, 57.8526, -75.9938
Hunter-Lab	57.2015, -0.8274, -62.8293

Details

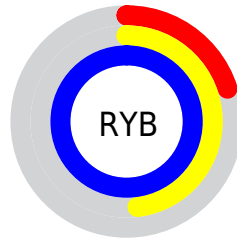
The Hex color **339FFF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF9333**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **80D5FF**, and **006CC6** is the 20% darker color. If you saturate the color by 10%, you get **1993FF**, and if you desaturate by 10%, it is **4DABFF**.

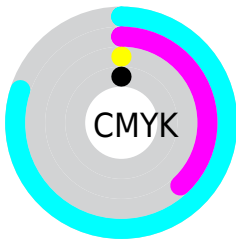
Distribution



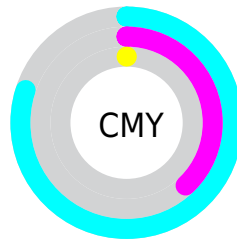
- Red (20%)
- Green (62%)
- Blue (100%)



- Red (20%)
- Yellow (48%)
- Blue (100%)



- Cyan (80%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339FFF 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 339FFF by changing the saturation by 10% instead.

 339FFF

 339FFF

FFFFFF

 0085E2

 80D5FF

 006CC6

 A0F1FF

 0054AA

 C0FFFF

 003E8F

 DFFFFFF

 002975

FEFFFF

 00155C

 000743

 00032C

 000116

■ 339FFF

■ 339FFF

■ 1993FF

■ 4DABFF

■ 0087FF

■ 66B7FF

■ 80C3FF

■ 99CFFF

■ B3DBFF

■ CCE7FF

■ E6F3FF

FFFFFF

Harmonies

Analogous

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



00ACF3



339FFF



A38CF0

Triad

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



339FFF



F37568



32B06B

Complementary

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



339FFF



FF9333

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.



7FA841



339FFF



DA8741

Square

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



339FFF



F56D98



B29A2F



00B39E

Rectangle

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



339FFF



CC7ED8



B29A2F



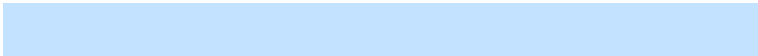
53AE5B

Sweetspot

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



339FFF



C2E2FF



33FF92



5B6E80



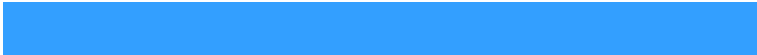
000000



808080

Same Dimension

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



339FFF



0A8CFF



333AFF



737A80



0065BF



002240

Inverse Universe

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



FF339F



FF0A8C



FFF833



80737A



BF0065



400022

Previews

White Background



This preview shows how the Hex color 339FFF looks on a white background.

Color Contrast Check

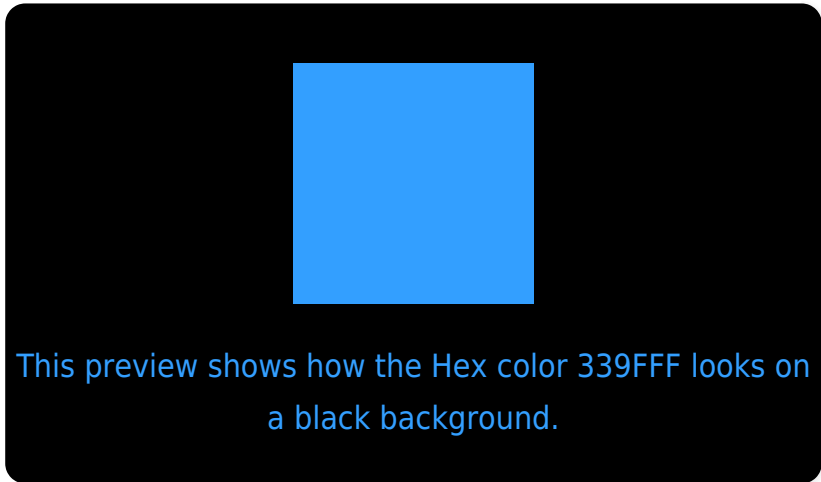
Large Text (above 18pt) WCAG AA × Fail

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

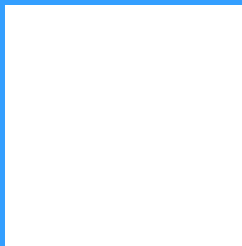
Any Text WCAG AAA ✓ Pass

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

Hex 339FFF Background



This preview shows how black text looks on a background with the Hex color 339FFF.



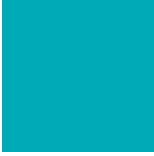
This preview shows how white text looks on a background with the Hex color 339FFF.

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](#).

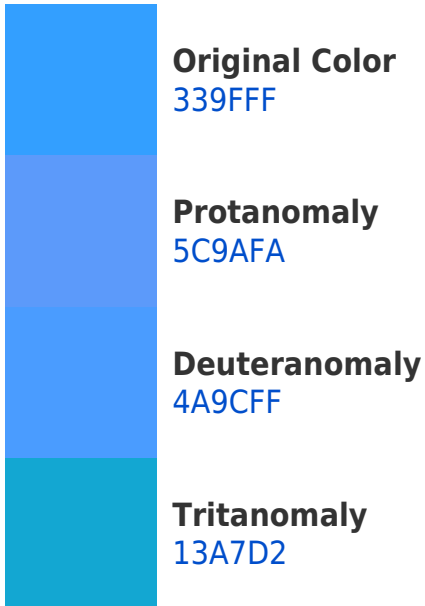
Dichromacy





Tritanopia
00ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 339FFF 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 #339FFF looks like.

```
.text, #text, p{  
    color:#339FFF  
}
```

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 #339FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339FFF
}
```

Border

The CSS property to change the border of an element to Hex 339FFF 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
#339FFF }
```

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

```
.border{ border-color:#339FFF }
```

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

Here you see how a box with a 4 pixel #339FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339FFF; -webkit-box-shadow:4px 4px  
4px 4px #339FFF; box-shadow:4px 4px 4px  
4px #339FFF }
```

Background

The CSS property to change the background color of an element to Hex 339FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339FFF }
```

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

```
.background{ background-color:#339FFF }
```

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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