

Converting Colors

Hex(3989FF)

Have a look what the booklet for
Hex(3989FF) contains.

Hex(3989FF)	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(3989FF)

Conversions

Conversions Part 1

Format	Color
Hex	3989FF
RGB	57, 137, 255
RGB Percent	22%, 54%, 100%
CMY	0.7765, 0.4627, 0.0000
CMYK	0.78, 0.46, 0.00, 0.00
HSL	216°, 100%, 61%
HSV	216°, 78%, 100%
XYZ	28.6830, 25.9812, 98.1109
YIQ	126.5320, -85.5580, 19.7380

Conversions

Conversions Part 2

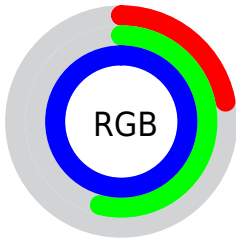
Format	Color
R _Y B	57, 114, 255
Decimal	3770879
CIE Lab	58.02, 16.33, -65.55
CIE LCh	58, 67.558, 283.986
Yxy	25.9812, 0.1877, 0.1701
Android (android.graphics.Color)	4281960959 (0xFF3989FF)
YUV	126.5320, 63.3347, -60.9796
Hunter-Lab	50.9717, 11.2456, -78.4417

Details

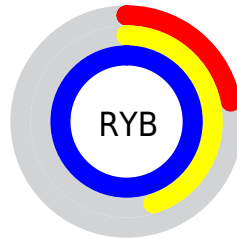
The Hex color **3989FF** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FFAF39**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **83BEFF**, and **0058C5** is the 20% darker color. If you saturate the color by 10%, you get **1F7AFF**, and if you desaturate by 10%, it is **5298FF**.

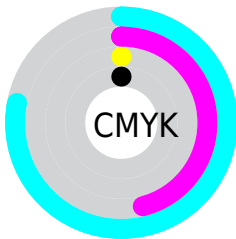
Distribution



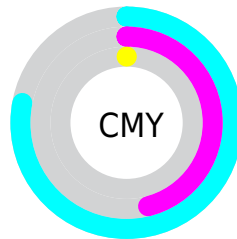
- Red (22%)
- Green (54%)
- Blue (100%)



- Red (22%)
- Yellow (45%)
- Blue (100%)



- Cyan (78%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3989FF 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 3989FF by changing the saturation by 10% instead.

 3989FF

 3989FF

FFFFFF

 0070E2

 83BEFF

 0058C5

 A3D9FF

 0042AA

 C3F6FF

 002D8E

 E2FFFF

 001B74

 00075B

 000742

 00032B

 000115

■ 3989FF

■ 3989FF

■ 1F7AFF

■ 5298FF

■ 066BFF

■ 6CA7FF

■ 0067FF

■ 85B7FF

■ 9FC6FF

■ B8D5FF

■ D2E4FF

■ EBF3FF

FFFFFF

Harmonies

Analogous

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



009BFD



3989FF



B16EE1

Triad

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



3989FF



E6633B



00A569

Complementary

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



3989FF



FFAF39

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.



479E2D



3989FF



C17D00

Square

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



3989FF



F54E72



8D9100



00A7A6

Rectangle

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



3989FF



D85CC0



8D9100



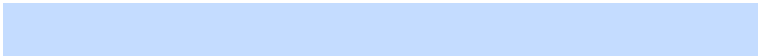
00A354

Sweetspot

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



3989FF



C4DCFF



39FFAD



5C6A80



000000



808080

Same Dimension

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



3989FF



1272FF



4A39FF



737880



004DBF



001A40

Inverse Universe

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



FF3989



FF1272



FFFF39



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color 3989FF looks on a white background.

Color Contrast Check

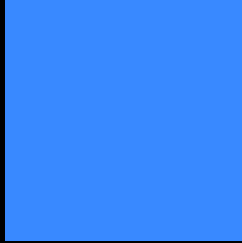
Large Text (above 18pt) WCAG AA ✓ Pass

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 3989FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

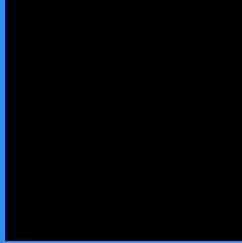
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

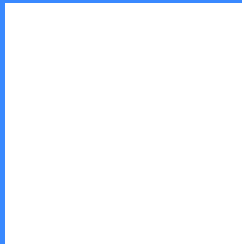
Any Text WCAG AAA × Fail

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

Hex 3989FF Background



This preview shows how black text looks on a background with the Hex color 3989FF.



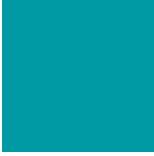
This preview shows how white text looks on a background with the Hex color 3989FF.

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](#).

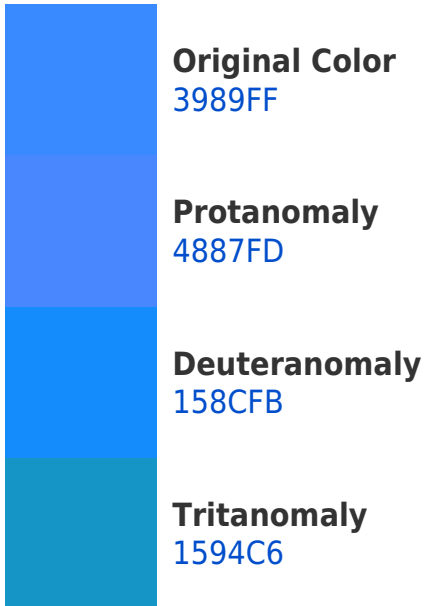
Dichromacy



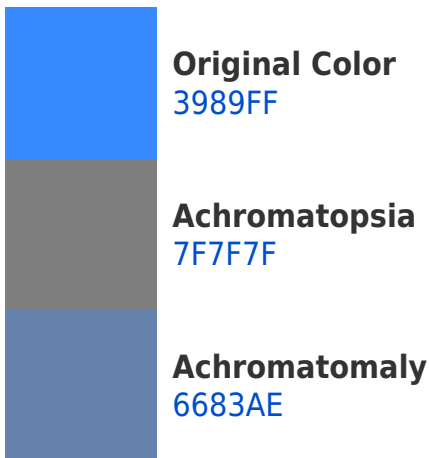


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3989FF 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 #3989FF looks like.

```
.text, #text, p{  
    color:#3989FF  
}
```

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 #3989FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3989FF
}
```

Border

The CSS property to change the border of an element to Hex 3989FF 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
#3989FF }
```

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

```
.border{ border-color:#3989FF }
```

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

Here you see how a box with a 4 pixel #3989FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3989FF; -webkit-box-shadow:4px 4px  
4px 4px #3989FF; box-shadow:4px 4px 4px  
4px #3989FF }
```

Background

The CSS property to change the background color of an element to Hex 3989FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3989FF }
```

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

```
.background{ background-color:#3989FF }
```

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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