

Converting Colors

Hex(3939FF)

Have a look what the booklet for
Hex(3939FF) contains.

Hex(3939FF)	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>	28

Color

Hex(3939FF)

Conversions

Conversions Part 1

Format	Color
Hex	3939FF
RGB	57, 57, 255
RGB Percent	22%, 22%, 100%
CMY	0.7765, 0.7765, 0.0000
CMYK	0.78, 0.78, 0.00, 0.00
HSL	240°, 100%, 61%
HSV	240°, 78%, 100%
XYZ	21.2005, 11.0161, 95.6167
YIQ	79.5720, -63.5580, 61.5780

Conversions

Conversions Part 2

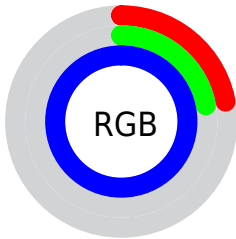
Format	Color
R _Y B	57, 57, 255
Decimal	3750399
CIE Lab	39.61, 63.54, -95.65
CIE LCh	40, 114.831, 303.597
Yxy	11.0161, 0.1658, 0.0862
Android (android.graphics.Color)	4281940479 (0xFF3939FF)
YUV	79.5720, 86.4860, -19.7956
Hunter-Lab	33.1905, 55.9336, -147.5718

Details

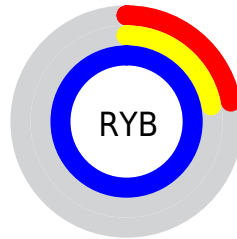
The Hex color **3939FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFFF39**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **886CFF**, and **0003C5** is the 20% darker color. If you saturate the color by 10%, you get **1F1FFF**, and if you desaturate by 10%, it is **5252FF**.

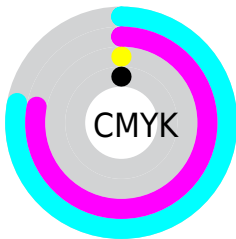
Distribution



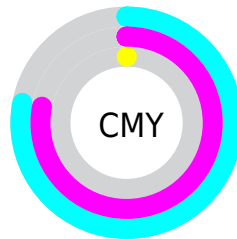
- Red (22%)
- Green (22%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3939FF 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 3939FF by changing the saturation by 10% instead.

 3939FF

 3939FF

FFFFFF

 0020E1

 886CFF

 0003C5

 AA86FF

 0000A8

 CAA1FF

 00008D

 EABDFF

 000772

 FFD9FF

 000D58

 FFF6FF

 000740

 000329

 000113

 3939FF

 3939FF

 1F1FFF

 5252FF

 0606FF

 6C6CFF

 0000FF

 8585FF

 9F9FFF

 B8B8FF

 D2D2FF

 EBEBFF

FFFFFF

Harmonies

Analogous

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



006BFF



3939FF



CC00B3

Triad

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



3939FF



B02C00



007B67

Complementary

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



3939FF



FFFF39

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.



007800



3939FF



695F00

Square

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



3939FF



E20000



007100



007EC6

Rectangle

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



3939FF



EC0076



007100



007A46

Sweetspot

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



3939FF



C4C4FF



39FFFF



5C5C80



000000



808080

Same Dimension

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



3939FF



1212FF



9C39FF



737380



0000BF



000040

Inverse Universe

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



FF39FF



FF12FF



9CFF39



807380



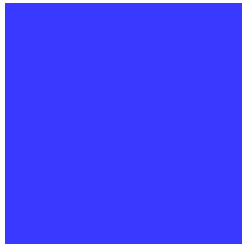
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 3939FF looks on a white background.

Color Contrast Check

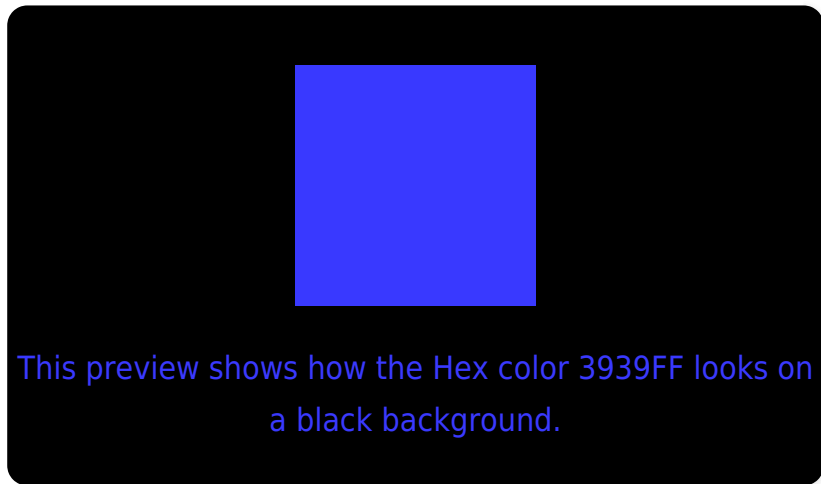
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

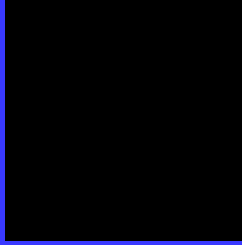
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3939FF Background



This preview shows how black text looks on a background with the Hex color 3939FF.

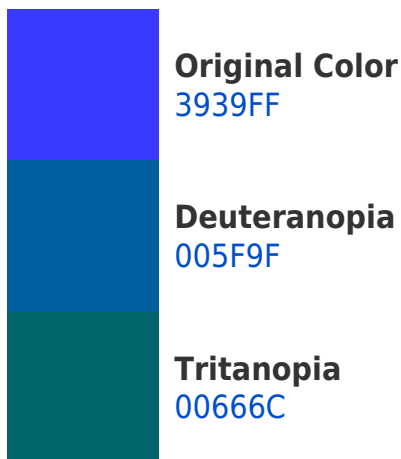


This preview shows how white text looks on a background with the Hex color 3939FF.

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
3939FF

Deuteranomaly
1551C2

Tritanomaly
1556A1

Monochromacy



Original Color
3939FF

Achromatopsia
505050

Achromatomaly
484890

CSS Examples

Text

The CSS property to change the color of the text to Hex 3939FF 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 #3939FF looks like.

```
.text, #text, p{  
    color:#3939FF  
}
```

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 #3939FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3939FF
}
```

Border

The CSS property to change the border of an element to Hex 3939FF 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".

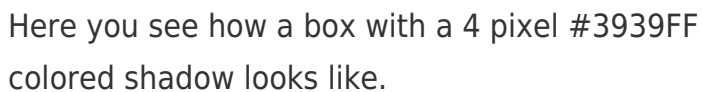
```
.border, #border, table{ border:4px solid
#3939FF }
```

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

```
.border{ border-color:#3939FF }
```

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

Here you see how a box with a 4 pixel #3939FF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3939FF; -webkit-box-shadow:4px 4px  
4px 4px #3939FF; box-shadow:4px 4px 4px  
4px #3939FF }
```

Background

The CSS property to change the background color of an element to Hex 3939FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3939FF }
```

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

```
.background{ background-color:#3939FF }
```

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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