

Converting Colors

Hex(4239FF)

Have a look what the booklet for
Hex(4239FF) contains.

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Color

Hex(4239FF)

Conversions

Conversions Part 1

Format	Color
Hex	4239FF
RGB	66, 57, 255
RGB Percent	26%, 22%, 100%
CMY	0.7412, 0.7765, 0.0000
CMYK	0.74, 0.78, 0.00, 0.00
HSL	243°, 100%, 61%
HSV	243°, 78%, 100%
XYZ	21.7599, 11.3045, 95.6429
YIQ	82.2630, -58.1940, 63.4860

Conversions

Conversions Part 2

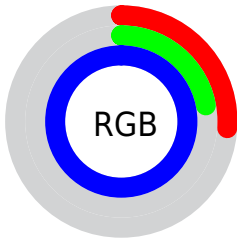
Format	Color
R _Y B	66, 57, 255
Decimal	4340223
CIE _{Lab}	40.09, 64.11, -94.84
CIE _{LCh}	40, 114.474, 304.060
Y _{xy}	11.3045, 0.1691, 0.0878
Android (android.graphics.Color)	4282530303 (0xFF4239FF)
Y _{UV}	82.2630, 85.1593, -14.2627
Hunter-Lab	33.6222, 56.6844, -145.1230

Details

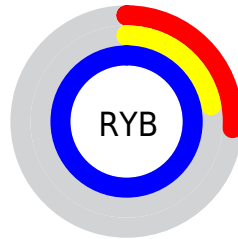
The Hex color **4239FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F6FF39**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8D6CFF**, and **0001C5** is the 20% darker color. If you saturate the color by 10%, you get **2A1FFF**, and if you desaturate by 10%, it is **5A52FF**.

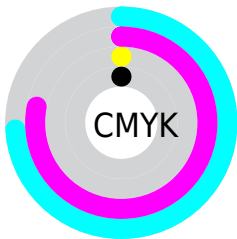
Distribution



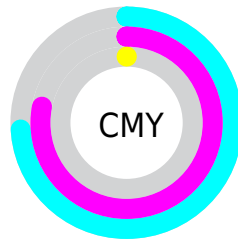
- Red (26%)
- Green (22%)
- Blue (100%)



- Red (26%)
- Yellow (22%)
- Blue (100%)



- Cyan (74%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (78%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4239FF 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 4239FF by changing the saturation by 10% instead.

 4239FF

 4239FF

FFFFFF

 001FE1

 8D6CFF

 0001C5

 AE87FF

 0000A8

 CFA2FF

 00008D

 EFBDFE

 000572

 FFDAFF

 000D58

 FFF7FF

 000740

 000329

 000113

■ 4239FF

■ 4239FF

■ 2A1FFF

■ 5A52FF

■ 1106FF

■ 736CFF

■ 0C00FF

■ 8B85FF

■ A39FFF

■ BCB8FF

■ D4D2FF

■ ECEBFF

FFFFFF

Harmonies

Analogous

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



006CFF



4239FF



CF00B3

Triad

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



4239FF



B12F00



007C6A

Complementary

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



4239FF



F6FF39

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.



007A00



4239FF



696000

Square

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



4239FF



E20000



007300



007FC8

Rectangle

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



4239FF



ED0076



007300



007C49

Sweetspot

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



4239FF



C7C4FF



39F8FF



5D5C80



000000



808080

Same Dimension

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



4239FF



1D12FF



A339FF



737380



0900BF



030040

Inverse Universe

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



FF39F6



FF12F4



95FF39



80737F



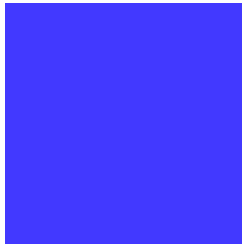
BF00B7



40003D

Previews

White Background



This preview shows how the Hex color 4239FF looks on a white background.

Color Contrast Check

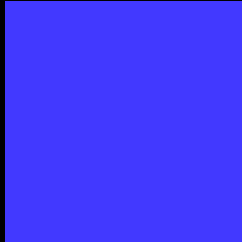
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4239FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

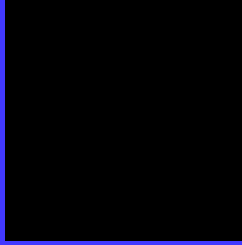
Any Text WCAG AA × Fail

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 4239FF Background



This preview shows how black text looks on a background with the Hex color 4239FF.

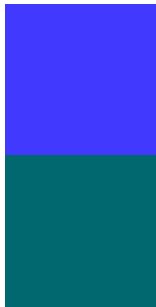


This preview shows how white text looks on a background with the Hex color 4239FF.

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



Original Color
4239FF

Tritanopia
00686E

Trichromacy



Original Color
4239FF



Tritanomaly
1857A3

Monochromacy



Original Color
4239FF



Achromatopsia
525252



Achromatomaly
4C4991

CSS Examples

Text

The CSS property to change the color of the text to Hex 4239FF 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 #4239FF looks like.

```
.text, #text, p{  
  color:#4239FF  
}
```

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 #4239FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4239FF
}
```

Border

The CSS property to change the border of an element to Hex 4239FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

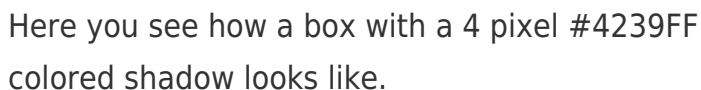
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4239FF }
```

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

```
.border{ border-color:#4239FF }
```

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



Here you see how a box with a 4 pixel #4239FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4239FF; -webkit-box-shadow:4px 4px  
4px 4px #4239FF; box-shadow:4px 4px 4px  
4px #4239FF }
```

Background

The CSS property to change the background color of an element to Hex 4239FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4239FF }
```

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

```
.background{ background-color:#4239FF }
```

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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