

Converting Colors

Hex(8159FF)

Have a look what the booklet for
Hex(8159FF) contains.

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Color

Hex(8159FF)

Conversions

Conversions Part 1

Format	Color
Hex	8159FF
RGB	129, 89, 255
RGB Percent	51%, 35%, 100%
CMY	0.4941, 0.6510, 0.0000
CMYK	0.49, 0.65, 0.00, 0.00
HSL	254°, 100%, 67%
HSV	254°, 65%, 100%
XYZ	30.6756, 19.0319, 96.6645
YIQ	119.8840, -29.4460, 60.1060

Conversions

Conversions Part 2

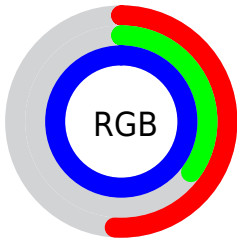
Format	Color
R _Y B	129, 89, 255
Decimal	8477183
CIE Lab	50.72, 55.36, -77.18
CIE LCh	51, 94.982, 305.654
Yxy	19.0319, 0.2096, 0.1300
Android (android.graphics.Color)	4286667263 (0xFF8159FF)
YUV	119.8840, 66.6122, 7.9947
Hunter-Lab	43.6255, 49.1689, -100.8355

Details

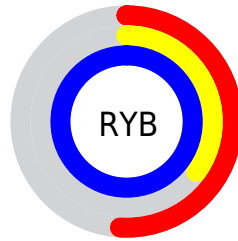
The Hex color **8159FF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **D7FF59**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BE8DFF**, and **3F27C5** is the 20% darker color. If you saturate the color by 10%, you get **6E40FF**, and if you desaturate by 10%, it is **9473FF**.

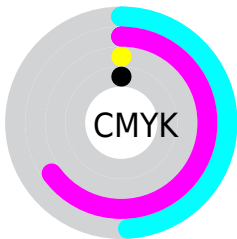
Distribution



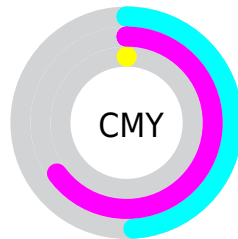
- Red (51%)
- Green (35%)
- Blue (100%)



- Red (51%)
- Yellow (35%)
- Blue (100%)



- Cyan (49%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)




- Cyan (49%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8159FF 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 8159FF by changing the saturation by 10% instead.

 8159FF

 8159FF

FFFFFF

 6240E2

 BE8DFF

 3F27C5

 DCA8FF

 0B0BA9

 FBC4FF

 00008E

 FFE1FF

 000073

FFFEFF

 000159

 000741

 00032A

 000114

8159FF

8159FF

6E40FF

9473FF

5A26FF

A88CFF

470DFF

BBA6FF

3D00FF

CEBFFF

E2D9FF

F5F2FF

FFFFFF

Harmonies

Analogous

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



0080FF



8159FF



E000BD

Triad

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



8159FF



C65900



009887

Complementary

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



8159FF



D7FF59

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.



00952E



8159FF



867B00

Square

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



8159FF



F2021D



1D8D00



0099D7

Rectangle

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



8159FF



FB0088



1D8D00



00976A

Sweetspot

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



8159FF



D8CCFF



59D8FF



686180



000000



808080

Same Dimension

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



8159FF



6838FF



D359FF



767380



2E00BF



0F0040

Inverse Universe

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



FF59D7



FF38CF



85FF59



80737C



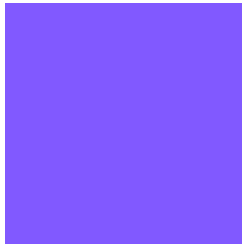
BF0091



400030

Previews

White Background



This preview shows how the Hex color 8159FF 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

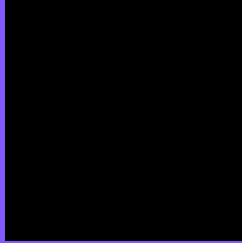
Any Text WCAG AA ✓ Pass

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 8159FF Background



This preview shows how black text looks on a background with the Hex color 8159FF.

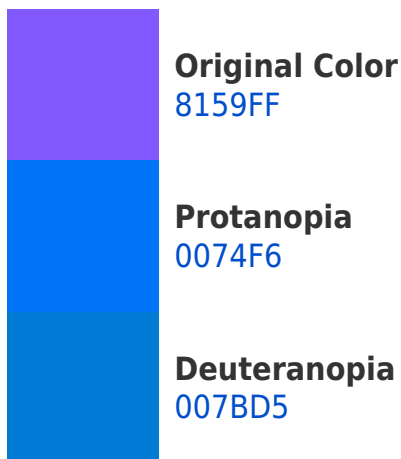



This preview shows how white text looks on a background with the Hex color 8159FF.

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](#).

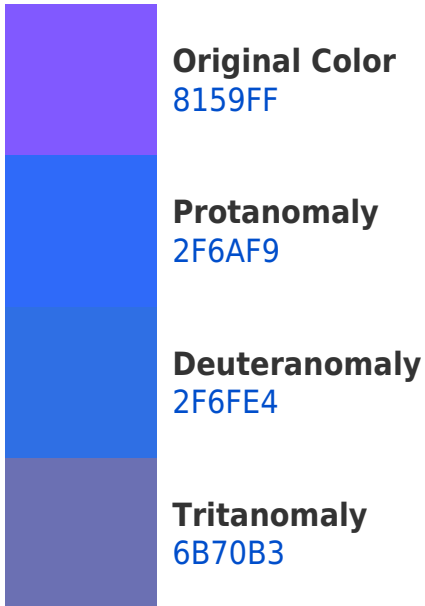
Dichromacy





Tritanopia
5E7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8159FF 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 #8159FF looks like.

```
.text, #text, p{  
    color:#8159FF  
}
```

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 #8159FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8159FF
}
```

Border

The CSS property to change the border of an element to Hex 8159FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

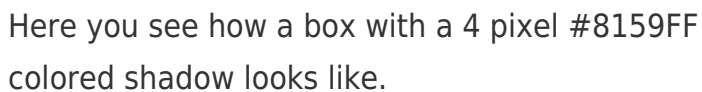
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8159FF }
```

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

```
.border{ border-color:#8159FF }
```

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



Here you see how a box with a 4 pixel #8159FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8159FF; -webkit-box-shadow:4px 4px  
4px 4px #8159FF; box-shadow:4px 4px 4px  
4px #8159FF }
```

Background

The CSS property to change the background color of an element to Hex 8159FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8159FF }
```

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

```
.background{ background-color:#8159FF }
```

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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