

Converting Colors

Hex(8199FF)

Have a look what the booklet for
Hex(8199FF) contains.

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Color

Hex(8199FF)

Conversions

Conversions Part 1

Format	Color
Hex	8199FF
RGB	129, 153, 255
RGB Percent	51%, 60%, 100%
CMY	0.4941, 0.4000, 0.0000
CMYK	0.49, 0.40, 0.00, 0.00
HSL	229°, 100%, 75%
HSV	229°, 49%, 100%
XYZ	38.4945, 34.6696, 99.2708
YIQ	157.4520, -47.0460, 26.6340

Conversions

Conversions Part 2

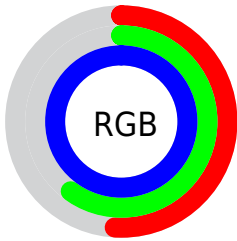
Format	Color
RYB	129, 149, 255
Decimal	8493567
CIELab	65.49, 18.68, -53.43
CIElCh	65, 56.603, 289.271
Yxy	34.6696, 0.2232, 0.2011
Android (android.graphics.Color)	4286683647 (0xFF8199FF)
YUV	157.4520, 48.0912, -24.9524
Hunter-Lab	58.8809, 13.6562, -58.7439

Details

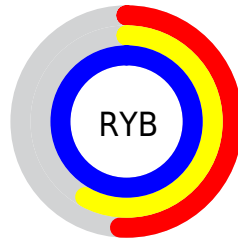
The Hex color **8199FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE781**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BCCFFF**, and **4566C6** is the 20% darker color. If you saturate the color by 10%, you get **6884FF**, and if you desaturate by 10%, it is **9BAEFF**.

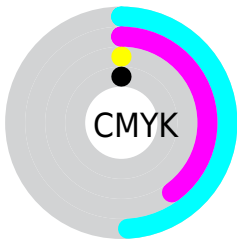
Distribution



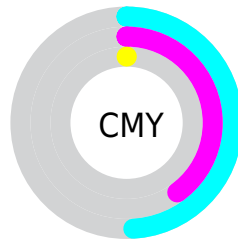
- Red (51%)
- Green (60%)
- Blue (100%)



- Red (51%)
- Yellow (58%)
- Blue (100%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8199FF 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 8199FF by changing the saturation by 10% instead.

 8199FF

 8199FF

FFFFFF

 637FE2

 BCCFFF

 4566C6

 D9EBFF

 1F4FAA

 F7FFFF

 00388F

 002475

 00115C

 000743

 00032C

 000116

■ 8199FF

■ 8199FF

■ 6884FF

■ 9BAEFF

■ 4E70FF

■ B4C2FF

■ 355BFF

■ CED7FF

■ 1B46FF

■ E7ECFF

■ 0232FF

FFFFFF

■ 0031FF

Harmonies

Analogous

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



00A AFF



8199FF



CB84E2

Triad

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



8199FF



ED8254



00B78A

Complementary

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



8199FF



FFE781

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.



5FB15A



8199FF



CA9636

Square

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



8199FF



FC7380



9BA638



00B8BF

Rectangle

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



8199FF



E978C4



9BA638



08B579

Sweetspot

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



8199FF



D9E0FF



81FFE6



696D80



000000



808080

Same Dimension

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



8199FF



6985FF



A781FF



737580



0024BF



000C40

Inverse Universe

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



FF8199



FF6985



D9FF81



807375



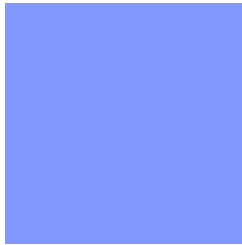
BF0024



40000C

Previews

White Background



This preview shows how the Hex color 8199FF 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

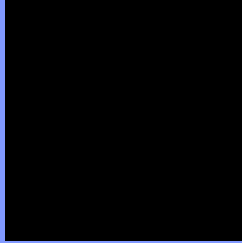
Any Text WCAG AA ✓ Pass

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 8199FF Background



This preview shows how black text looks on a background with the Hex color 8199FF.



This preview shows how white text looks on a background with the Hex color 8199FF.

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](#).

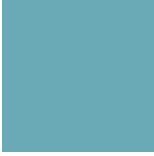
Dichromacy



Original Color
8199FF

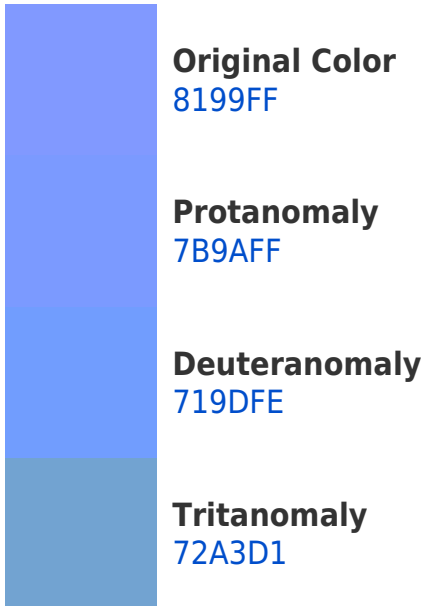
Protanopia
789BFF

Deuteranopia
689FFE

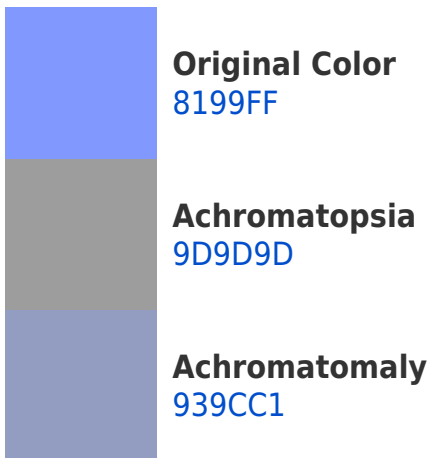


Tritanopia
6AA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8199FF 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 #8199FF looks like.

```
.text, #text, p{  
    color:#8199FF  
}
```

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 #8199FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8199FF
}
```

Border

The CSS property to change the border of an element to Hex 8199FF 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
#8199FF }
```

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

```
.border{ border-color:#8199FF }
```

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

Here you see how a box with a 4 pixel #8199FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8199FF; -webkit-box-shadow:4px 4px  
4px 4px #8199FF; box-shadow:4px 4px 4px  
4px #8199FF }
```

Background

The CSS property to change the background color of an element to Hex 8199FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8199FF }
```

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

```
.background{ background-color:#8199FF }
```

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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