Converting Colors

Hex(8C49FF)

Have a look what the booklet for Hex(8C49FF) contains.

Hex(8C49FF) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Hex(8C49FF)

Conversions

Conversions Part 1

Format	Color
Hex	8C49FF
RGB	140, 73, 255
RGB Percent	55%, 29%, 100%
CMY	0.4510, 0.7137, 0.0000
CMYK	0.45, 0.71, 0.00, 0.00
HSL	262°, 100%, 64%
HSV	262°, 71%, 100%
XYZ	31.2478, 17.5605, 96.3503
YIQ	113.7810, -18.4900, 70.8060

Conversions

Conversions Part 2

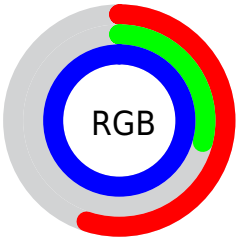
Format	Color
RYB	140, 73, 255
Decimal	9193983
CIELab	48.96, 65.09, -80.01
CIELCh	49, 103.148, 309.129
Yxy	17.5605, 0.2153, 0.1210
Android (android.graphics.Color)	4287384063 (0xFF8C49FF)
YUV	113.7810, 69.6210, 22.9941
Hunter-Lab	41.9053, 59.7689, -106.9882

Details

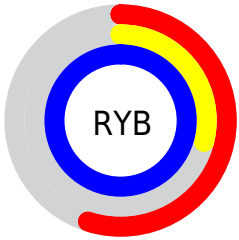
The Hex color 8C49FF is a light color, and the websafe version is hex 9933FF. The color can be described as light washed purple. A complement of this color would be BCFF49, and the grayscale version is 717171.

A 20% lighter version of the original color is C97FFF, and 4C0BC5 is the 20% darker color. If you saturate the color by 10%, you get 7C30FF, and if you desaturate by 10%, it is 9C62FF.

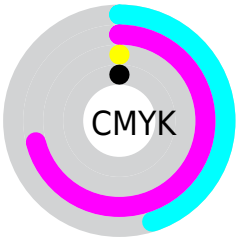
Distribution



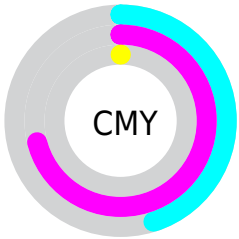
- Red (55%)
- Green (29%)
- Blue (100%)



- Red (55%)
- Yellow (29%)
- Blue (100%)



- Cyan (45%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C49FF 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 8C49FF by changing the saturation by 10% instead.

8C49FF

FFFFFF

C97FFF

E89AFF

FFB6FF

FFD3FF

FFF0FF

8C49FF

6D2DE2

4C0BC5

2500A9

00008D

000073

000059

000741

00032A

000114

8C49FF

7C30FF

6C16FF

5E00FF

8C49FF

9C62FF

AC7CFF

BC95FF

CCAFFF

DDC9FF

EDE2FF

FDFBFF

FFFFFF

Harmonies

Analogous

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

0079FF

8C49FF

EA00B5

Triad

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

8C49FF

BE5700

00958E

Complementary

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

8C49FF

BCFF49

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.

00922F

8C49FF

767A00

Square

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

8C49FF

F00000

008B00

0095E3

Rectangle

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

8C49FF

FF007B

008B00

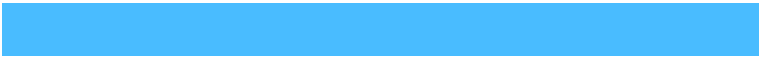
00946F

Sweetspot

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

8C49FF

DDC9FF



49BCFF

6B6080

000000

808080

Same Dimension

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

8C49FF

7424FF

E749FF

777380

4600BF

170040

Inverse Universe

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

FF49BC

FF24AE

61FF49

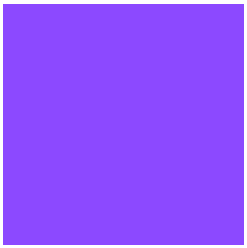
80737B

BF0079

400028

Previews

White Background

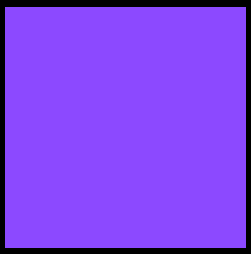


This preview shows how the Hex color 8C49FF looks on a white background.

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



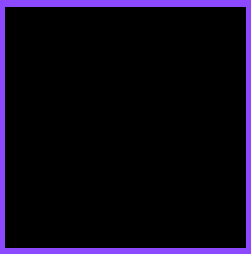
This preview shows how the Hex color 8C49FF looks on a black background.

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 8C49FF Background



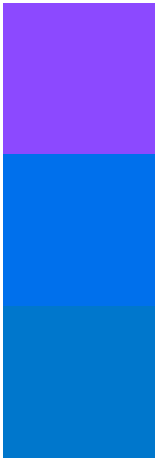
This preview shows how black text looks on a background with the Hex color 8C49FF.

This preview shows how white text looks on a background with the Hex color 8C49FF.

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



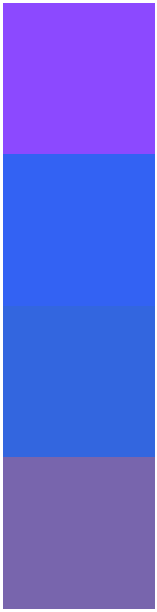
Original Color
8C49FF

Protanopia
0070EC

Deuteranopia
0077CC

Tritanopia
6C757E

Trichromacy



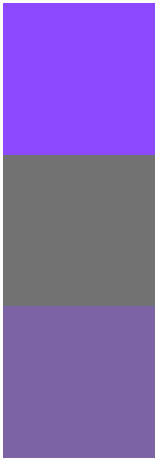
Original Color
8C49FF

Protanomaly
3362F3

Deuteranomaly
3366DF

Tritanomaly
7865AD

Monochromacy



Original Color
8C49FF

Achromatopsia
727272

Achromatomaly
7B63A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C49FF 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 #8C49FF looks like.

```
.text, #text, p{
    color:#8C49FF
}
```

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 #8C49FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C49FF
}
```

Border

The CSS property to change the border of an element to Hex 8C49FF 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
#8C49FF }
```

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

```
.border{ border-color:#8C49FF }
```

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

Here you see how a box with a 4 pixel #8C49FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #8C49FF; -webkit-box-shadow:4px 4px 4px 4px #8C49FF; box-shadow:4px 4px 4px 4px #8C49FF }
```

Background

The CSS property to change the background color of an element to Hex 8C49FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#8C49FF }
```

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

```
.background{ background-color:#8C49FF }
```

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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