

# Converting Colors

Hex(8C1FF0)

Have a look what the booklet for  
Hex(8C1FF0) contains.

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**Color**

**Hex(8C1FF0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C1FF0
RGB	140, 31, 240
RGB Percent	55%, 12%, 94%
CMY	0.4510, 0.8784, 0.0588
CMYK	0.42, 0.87, 0.00, 0.06
HSL	271°, 87%, 53%
HSV	271°, 87%, 94%
XYZ	27.0334, 12.8467, 83.4929
YIQ	87.4170, -2.1250, 88.1070

# Conversions

## Conversions Part 2

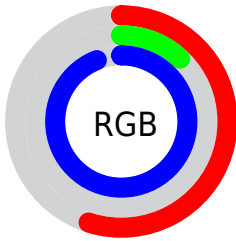
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	140, 31, 240
Decimal	9183216
CIE <sub>Lab</sub>	42.53, 76.53, -82.14
CIE <sub>LCh</sub>	43, 112.269, 312.973
Y <sub>xy</sub>	12.8467, 0.2191, 0.1041
Android (android.graphics.Color)	4287373296 (0xFF8C1FF0)
YUV	87.4170, 75.2234, 46.1153
Hunter-Lab	35.8423, 71.9063, -113.0237

# Details

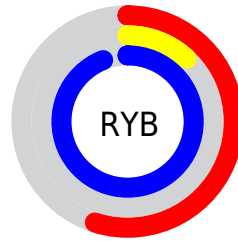
The Hex color **8C1FF0** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **83F01F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **C95FFF**, and **4C00B6** is the 20% darker color. If you saturate the color by 10%, you get **8107F0**, and if you desaturate by 10%, it is **9737F0**.

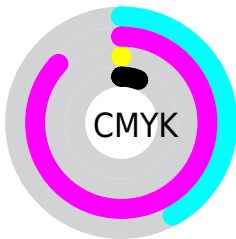
# Distribution



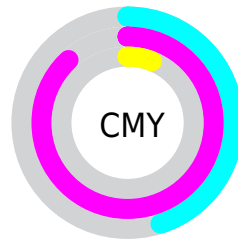
- Red (55%)
- Green (12%)
- Blue (94%)



- Red (55%)
- Yellow (12%)
- Blue (94%)



- Cyan (42%)
- Magenta (87%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (88%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C1FF0 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 8C1FF0 by changing the saturation by 10% instead.



 8C1FF0

 8C1FF0

FFFFFF

 6D00D3

 C95FFF

 4C00B6

 E87BFF

 26009B

 FF98FF

 000080

 FFB4FF

 000065

 FFD1FF

 00084C

 FFEFFF

 000534

 00021E

 000001

 8C1FF0

 8C1FF0

 8107F0

 9737F0

 7D00F0

 A34FF0

 AE67F0

 BA7FF0

 C597F0

 D1AFF0

 DCC7F0

 E8DFF0

 F3F7F0

# Harmonies

## Analogous

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



0067FF



8C1FF0



E5009D

# Triad

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



8C1FF0



A54B00



00848C

# Complementary

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



8C1FF0



83F01F

# 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.



008127



8C1FF0



556E00

# Square

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



8C1FF0



DD0000



007C00



0085E4

# Rectangle

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



8C1FF0



F80060



007C00



00836C



# Sweetspot

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



8C1FF0



DFBDFF



1F84F0



6D5880



000000



808080



# Same Dimension

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



8C1FF0



8500FF



F01FED



726C78



6000B8



1D0038



# Inverse Universe

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



F01F83



FF007A



1FF022



786C72



B80058

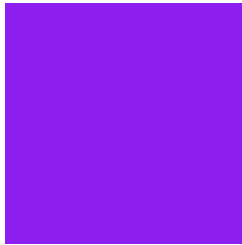


38001B



# Previews

## White Background



This preview shows how the Hex color 8C1FF0 looks on a white background.

## Color Contrast Check

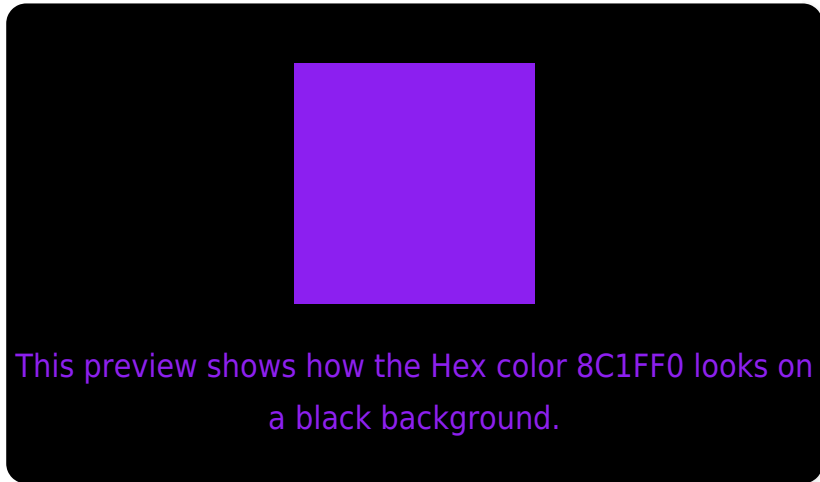
Large Text (above 18pt) WCAG AA ✓ Pass

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

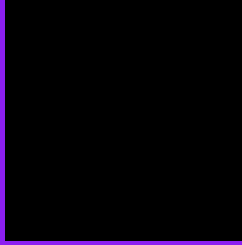
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C1FF0 Background



This preview shows how black text looks on a background with the Hex color 8C1FF0.



This preview shows how white text looks on a background with the Hex color 8C1FF0.

# 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**  
6E6168

# Trichromacy



**Original Color**  
8C1FF0



**Protanomaly**  
3349DA



**Deuteranomaly**  
334DC7



**Tritanomaly**  
794999

# Monochromacy



**Original Color**  
8C1FF0



**Achromatopsia**  
575757



**Achromatomaly**  
6A438F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C1FF0 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 #8C1FF0 looks like.

```
.text, #text, p{  
    color:#8C1FF0  
}
```

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 #8C1FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C1FF0
}
```

## Border

The CSS property to change the border of an element to Hex 8C1FF0 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".

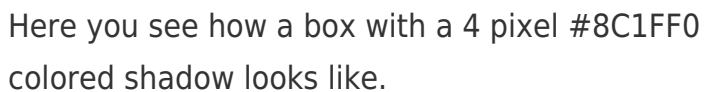
```
.border, #border, table{ border:4px solid
#8C1FF0 }
```

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

```
.border{ border-color:#8C1FF0 }
```

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

Here you see how a box with a 4 pixel #8C1FF0 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #8C1FF0 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C1FF0; -webkit-box-shadow:4px 4px  
4px 4px #8C1FF0; box-shadow:4px 4px 4px  
4px #8C1FF0 }
```

# Background

The CSS property to change the background color of an element to Hex 8C1FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C1FF0 }
```

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

```
.background{ background-color:#8C1FF0 }
```

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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