

Converting Colors

Hex(8000FC)

Have a look what the booklet for
Hex(8000FC) contains.

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Color

Hex(8000FC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 8000FC |
| RGB | 128, 0, 252 |
| RGB Percent | 50%, 0%, 99% |
| CMY | 0.4980, 1.0000, 0.0118 |
| CMYK | 0.49, 1.00, 0.00, 0.01 |
| HSL | 270°, 100%, 49% |
| HSV | 270°, 100%, 99% |
| XYZ | 26.4728, 11.6175, 92.9426 |
| YIQ | 67.0000, -4.6040, 105.5080 |

Conversions

Conversions Part 2

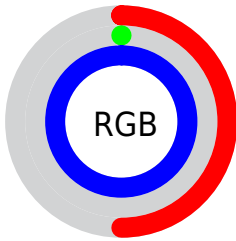
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 128, 0, 252 |
| Decimal | 8388860 |
| CIE _{Lab} | 40.60, 82.56, -92.13 |
| CIE _{LCh} | 41, 123.710, 311.863 |
| Yxy | 11.6175, 0.2020, 0.0887 |
| Android (android.graphics.Color) | 4286578940 (0xFF8000FC) |
| YUV | 67.0000, 91.2050, 53.4970 |
| Hunter-Lab | 34.0844, 78.9902, -137.8150 |

Details

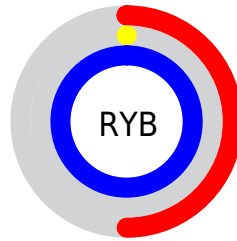
The Hex color **8000FC** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **7CFC00**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **C053FF**, and **3800C2** is the 20% darker color. If you saturate the color by 10%, you get **8000FC**, and if you desaturate by 10%, it is **8C19FC**.

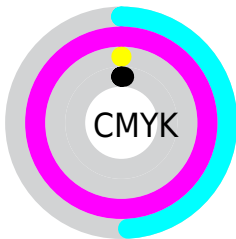
Distribution



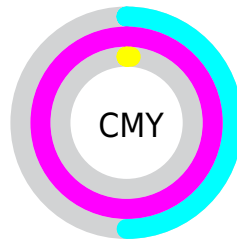
- Red (50%)
- Green (0%)
- Blue (99%)



- Red (50%)
- Yellow (0%)
- Blue (99%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (50%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8000FC 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 8000FC by changing the saturation by 10% instead.

 8000FC

 8000FC

FFFFFF

 5E00DF

 C053FF

 3800C2

 DF70FF

 0000A6

 FF8DFF

 00008A

 FFAAFF

 00006F

 FFC7FF

 000C56

 FFE5FF

 00063D

 000327

 000110

 8000FC

 8C19FC

 9932FC

 A54CFC

 B265FC

 BE7EFC

 CA97FC

 D7B0FC

 E3CAFC

 F0E3FC

Harmonies

Analogous

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



0066FF



8000FC



E900A2

Triad

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



8000FC



A54000



008080

Complementary

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



8000FC



7CFC00

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.



007D14



8000FC



4F6900

Square

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



8000FC



E20000



007800



0083EA

Rectangle

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



8000FC



FE005F



007800



007F64

Sweetspot

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



8000FC



D9B3FF



007EFC



695280



000000



808080

Same Dimension

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



8000FC



8200FF



FC00FC



77707D



6000BD



1F003D

Inverse Universe

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



FC007C



FF007D



00FC00



7D7077



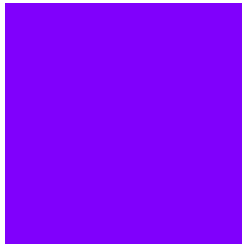
BD005D



3D001E

Previews

White Background



This preview shows how the Hex color 8000FC looks on a white background.

Color Contrast Check

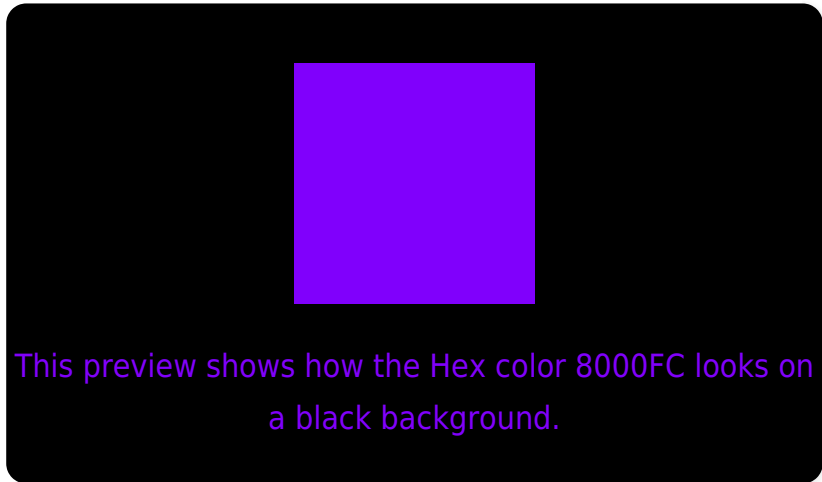
Large Text (above 18pt) WCAG AA ✓ Pass

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

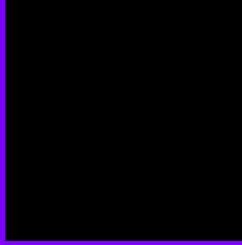
Any Text WCAG AA × Fail

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 8000FC Background



This preview shows how black text looks on a background with the Hex color 8000FC.



This preview shows how white text looks on a background with the Hex color 8000FC.

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
8000FC

Protanopia
005EC5

Deuteranopia
0064A8



Tritanopia
58626A

Trichromacy



Original Color
8000FC



Protanomaly
2F3CD9



Deuteranomaly
2F40C7



Tritanomaly
673E9F

Monochromacy



Original Color
8000FC



Achromatopsia
434343



Achromatomaly
592B86

CSS Examples

Text

The CSS property to change the color of the text to Hex 8000FC 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 #8000FC looks like.

```
.text, #text, p{  
    color:#8000FC  
}
```

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 #8000FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8000FC
}
```

Border

The CSS property to change the border of an element to Hex 8000FC 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".

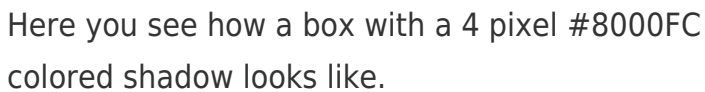
```
.border, #border, table{ border:4px solid
#8000FC }
```

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

```
.border{ border-color:#8000FC }
```

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

Here you see how a box with a 4 pixel #8000FC 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 to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8000FC; -webkit-box-shadow:4px 4px  
4px 4px #8000FC; box-shadow:4px 4px 4px  
4px #8000FC }
```

Background

The CSS property to change the background color of an element to Hex 8000FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8000FC }
```

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

```
.background{ background-color:#8000FC }
```

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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