

# Converting Colors

Hex(8003FD)

Have a look what the booklet for  
Hex(8003FD) contains.

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**Color**

**Hex(8003FD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8003FD
RGB	128, 3, 253
RGB Percent	50%, 1%, 99%
CMY	0.4980, 0.9882, 0.0078
CMYK	0.49, 0.99, 0.00, 0.01
HSL	270°, 98%, 50%
HSV	270°, 99%, 99%
XYZ	26.6643, 11.7462, 93.7904
YIQ	68.8750, -5.7500, 104.2500

# Conversions

## Conversions Part 2

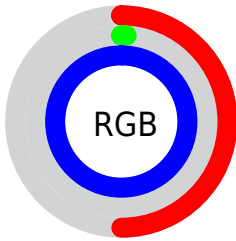
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 3, 253
Decimal	8389629
CIE <sub>Lab</sub>	40.81, 82.45, -92.35
CIE <sub>LCh</sub>	41, 123.796, 311.758
Yxy	11.7462, 0.2017, 0.0889
Android (android.graphics.Color)	4286579709 (0xFF8003FD)
<b>YUV</b>	68.8750, 90.7736, 51.8526
Hunter-Lab	34.2727, 78.8965, -138.2617

# Details

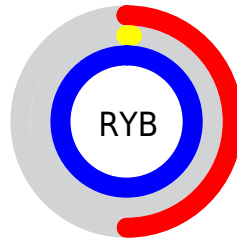
The Hex color **8003FD** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **80FD03**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C054FF**, and **3800C3** is the 20% darker color. If you saturate the color by 10%, you get **7F00FD**, and if you desaturate by 10%, it is **8D1CFD**.

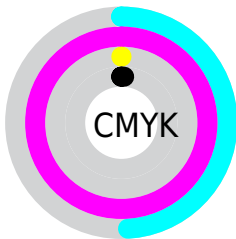
# Distribution



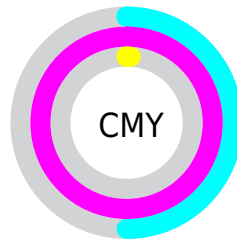
- Red (50%)
- Green (1%)
- Blue (99%)



- Red (50%)
- Yellow (1%)
- Blue (99%)



- Cyan (49%)
- Magenta (99%)
- Yellow (0%)
- Black (1%)



- Cyan (50%)
- Magenta (99%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8003FD 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 8003FD by changing the saturation by 10% instead.



 8003FD

 8003FD

FFFFFF

 5E00E0

 C054FF

 3800C3

 DF71FF

 0000A6

 FF8EFF

 00008B

 FFABFF

 000070

 FFC8FF

 000C57

 FFE5FF

 00063E

 000327

 000111

 8003FD

 8003FD

 7F00FD

 8D1CFD

 9936FD

 A64FFD

 B368FD

 BF82FD

 CC9BFD

 D9B4FD

 E5CDFD

 F2E7FD

# Harmonies

## Analogous

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



0067FF



8003FD



EA00A2

# Triad

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



8003FD



A64100



008088

# Complementary

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



8003FD



80FD03

# 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



8003FD



506900

# Square

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



8003FD



E30000



007800



0083EA

# Rectangle

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



8003FD



FF0060



007800



007F64



# Sweetspot

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



8003FD



D9B3FF



0380FD



695280



000000



808080



# Same Dimension

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



8003FD



8000FF



FD03FD



797380



6000BF



200040



# Inverse Universe

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



FD0380



FF0080



03FD03



807379



BF0060

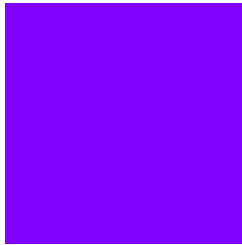


400020



# Previews

## White Background



This preview shows how the Hex color 8003FD looks on a white background.

## Color Contrast Check

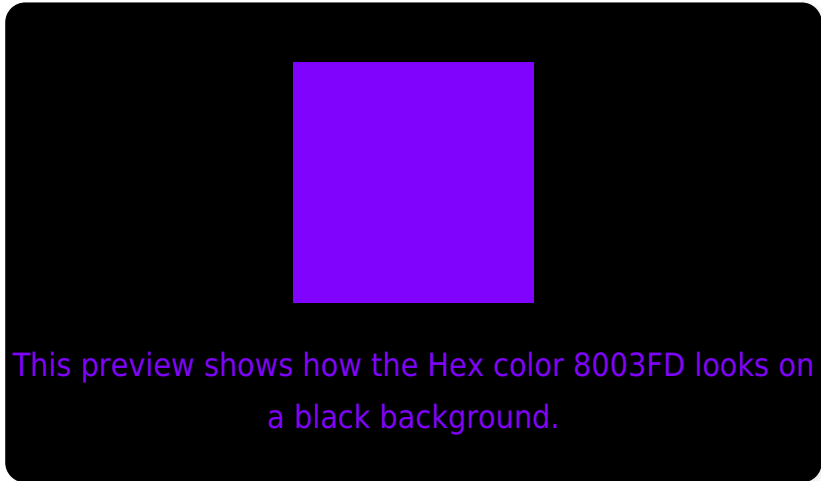
Large Text (above 18pt) WCAG AA ✓ Pass

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

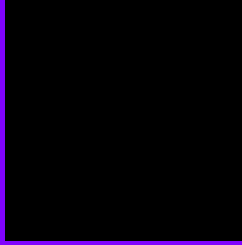
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8003FD Background



This preview shows how black text looks on a background with the Hex color 8003FD.

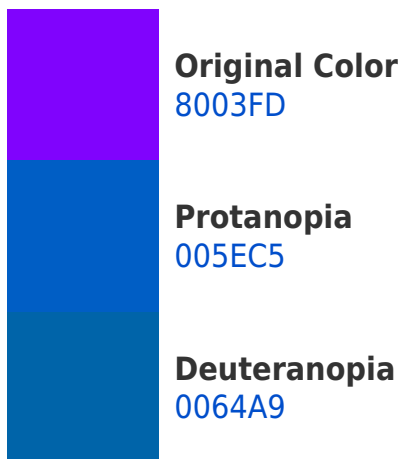


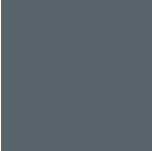
This preview shows how white text looks on a background with the Hex color 8003FD.

# 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**  
58636A

# Trichromacy



**Original Color**  
8003FD



**Protanomaly**  
2F3DD9



**Deuteranomaly**  
2F41C8



**Tritanomaly**  
67409F

# Monochromacy



**Original Color**  
8003FD



**Achromatopsia**  
454545



**Achromatomaly**  
5A2D88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8003FD 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 #8003FD looks like.

```
.text, #text, p{  
    color:#8003FD  
}
```

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 #8003FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8003FD
}
```

## Border

The CSS property to change the border of an element to Hex 8003FD 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
#8003FD }
```

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

```
.border{ border-color:#8003FD }
```

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

Here you see how a box with a 4 pixel #8003FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8003FD; -webkit-box-shadow:4px 4px  
4px 4px #8003FD; box-shadow:4px 4px 4px  
4px #8003FD }
```

# Background

The CSS property to change the background color of an element to Hex 8003FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8003FD }
```

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

```
.background{ background-color:#8003FD }
```

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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