

# Converting Colors

Hex(A000FD)

Have a look what the booklet for  
Hex(A000FD) contains.

<b>Hex(A000FD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A000FD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A000FD
RGB	160, 0, 253
RGB Percent	63%, 0%, 99%
CMY	0.3725, 1.0000, 0.0078
CMYK	0.37, 1.00, 0.00, 0.01
HSL	278°, 100%, 50%
HSV	278°, 100%, 99%
XYZ	32.2268, 14.5654, 94.0414
YIQ	76.6820, 14.1470, 112.6030

# Conversions

## Conversions Part 2

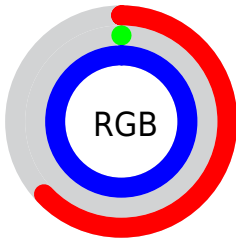
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">160, 0, 253</a>
Decimal	<a href="#">10486013</a>
CIELab	<a href="#">45.03, 85.58, -85.24</a>
CIElCh	<a href="#">45, 120.786, 315.116</a>
Yxy	<a href="#">14.5654, 0.2288, 0.1034</a>
Android (android.graphics.Color)	<a href="#">4288676093 (0xFFA000FD)</a>
YUV	<a href="#">76.6820, 86.9248, 73.0699</a>
Hunter-Lab	<a href="#">38.1647, 83.9399, -119.3809</a>

# Details

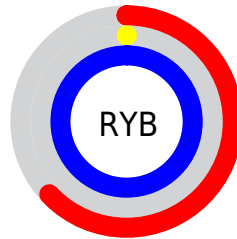
The Hex color **A000FD** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **5DFD00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **DE58FF**, and **6100C3** is the 20% darker color. If you saturate the color by 10%, you get **A000FD**, and if you desaturate by 10%, it is **A919FD**.

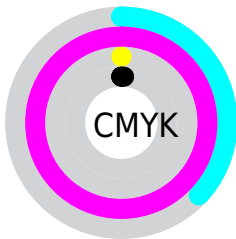
# Distribution



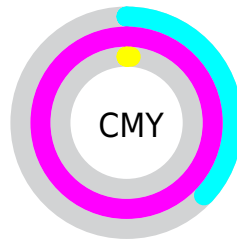
- Red (63%)
- Green (0%)
- Blue (99%)



- Red (63%)
- Yellow (0%)
- Blue (99%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (37%)
- Magenta (100%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A000FD 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 A000FD by changing the saturation by 10% instead.



 A000FD

 A000FD

FFFFFF

 8100E0

 DE58FF

 6100C3

 FD76FF

 3F00A7

 FF94FF

 0F008B

 FFB1FF

 000071

 FFCFFF

 000057

 FFEDFF

 00063E

 000328

 000111

 A000FD

 A919FD

 B333FD

 BC4CFD

 C565FD

 CF7FFD

 D898FD

 E1B1FD

 EACA FD

 F4E4FD

# Harmonies

## Analogous

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



006BFF



A000FD



FA00A1

# Triad

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



A000FD



AA5300



008D9D

# Complementary

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



A000FD



5DFD00

# 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.



008A31



A000FD



517600

# Square

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



A000FD



E90000



008400



008EFC

# Rectangle

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



A000FD



FF005F



008400



008C7A



# Sweetspot

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



A000FD



E3B3FF



0061FD



6F5280



000000



808080



# Same Dimension

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



A000FD



A100FF



FD00DF



7B7380



7900BF



280040



# Inverse Universe

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



FD005D



FF005E



00FD1E



807377



BF0046



400017



# Previews

## White Background



This preview shows how the Hex color A000FD looks on a white background.

## Color Contrast Check

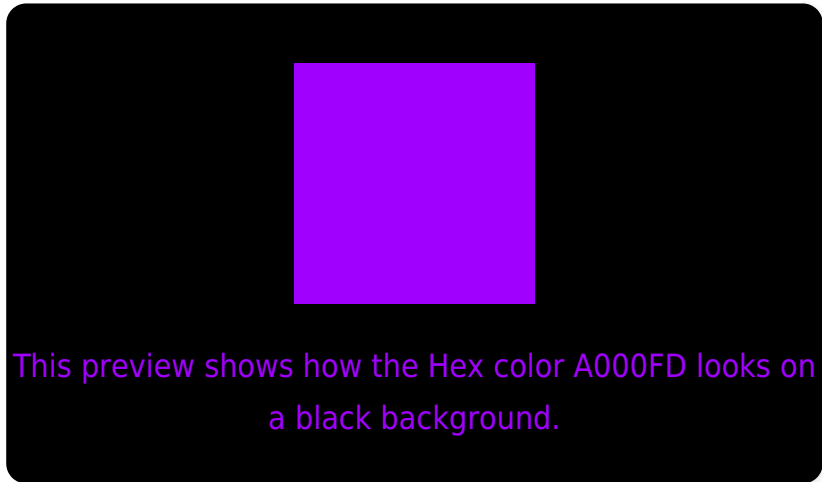
Large Text (above 18pt) WCAG AA ✓ Pass

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

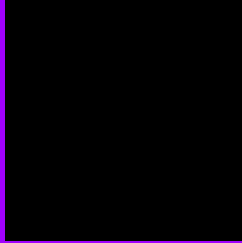
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A000FD Background



This preview shows how black text looks on a background with the Hex color A000FD.

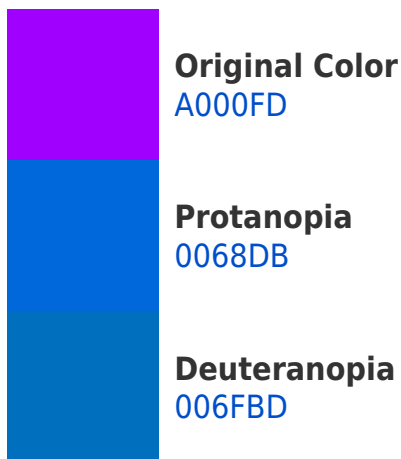



This preview shows how white text looks on a background with the Hex color A000FD.

# 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**  
83636A

# Trichromacy



**Original Color**  
A000FD



**Protanomaly**  
3A42E7



**Deuteranomaly**  
3A47D4



**Tritanomaly**  
8E3F9F

# Monochromacy



**Original Color**  
A000FD



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
6B318D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A000FD 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 #A000FD looks like.

```
.text, #text, p{  
    color:#A000FD  
}
```

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 #A000FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A000FD
}
```

## Border

The CSS property to change the border of an element to Hex A000FD 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
#A000FD }
```

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

```
.border{ border-color:#A000FD }
```

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

Here you see how a box with a 4 pixel #A000FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A000FD; -webkit-box-shadow:4px 4px  
4px 4px #A000FD; box-shadow:4px 4px 4px  
4px #A000FD }
```

# Background

The CSS property to change the background color of an element to Hex A000FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A000FD }
```

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

```
.background{ background-color:#A000FD }
```

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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