

Converting Colors

Hex(001FA1)

Have a look what the booklet for
Hex(001FA1) contains.

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Color

Hex(001FA1)

Conversions

Conversions Part 1

Format	Color
Hex	001FA1
RGB	0, 31, 161
RGB Percent	0%, 12%, 63%
CMY	1.0000, 0.8784, 0.3686
CMYK	1.00, 0.81, 0.00, 0.37
HSL	228°, 100%, 32%
HSV	228°, 100%, 63%
XYZ	6.9230, 3.5532, 34.0392
YIQ	36.5510, -60.2060, 33.8580

Conversions

Conversions Part 2

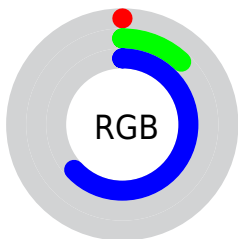
Format	Color
RYB	0, 26, 161
Decimal	8097
CIELab	22.14, 44.43, -69.99
CIELCh	22, 82.902, 302.411
Yxy	3.5532, 0.1555, 0.0798
Android (android.graphics.Color)	4278198177 (0xFF001FA1)
YUV	36.5510, 61.3534, -32.0552
Hunter-Lab	18.8499, 32.5705, -93.8711

Details

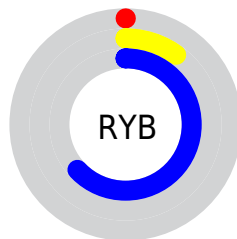
The Hex color **001FA1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **A18200**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5B4DD9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **001FA1**, and if you desaturate by 10%, it is **102CA1**.

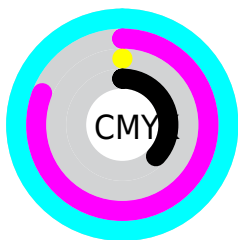
Distribution



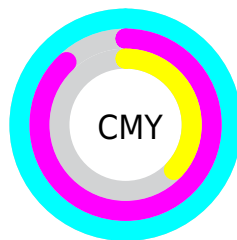
- Red (0%)
- Green (12%)
- Blue (63%)



- Red (0%)
- Yellow (10%)
- Blue (63%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (88%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001FA1 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 001FA1 by changing the saturation by 10% instead.

001FA1

001FA1

FFFFFF

000986

5B4DD9

00006C

7A66F6

000353

987FFF

00063A

B69AFF

000224

D4B5FF

00000B

F2D1FF

000000

FFEDFF

001FA1

■ 102CA1

■ 2039A1

■ 3046A1

■ 4053A1

■ 5160A1

■ 616DA1

■ 717AA1

■ 8187A1

■ 9194A1

Harmonies

Analogous

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



003FB6



001FA1



7C0070

Triad

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



001FA1



6C1000



004839

Complementary

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



001FA1



A18200

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.



004600



001FA1



3E3500

Square

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



001FA1



8C0000



004200



004A77

Rectangle

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



001FA1



910048



004200



004823

Sweetspot

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



001FA1



929ED1



00A181



434A69



E8E8E8



696969

Same Dimension

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



001FA1



0028D1



3000A1



494B52



001C91



000312

Inverse Universe

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



A1001F



D10028



71A100



52494B



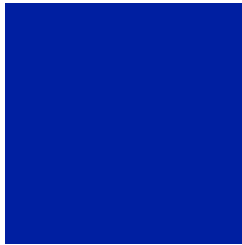
91001C



120003

Previews

White Background



This preview shows how the Hex color 001FA1 looks on a white background.

Color Contrast Check

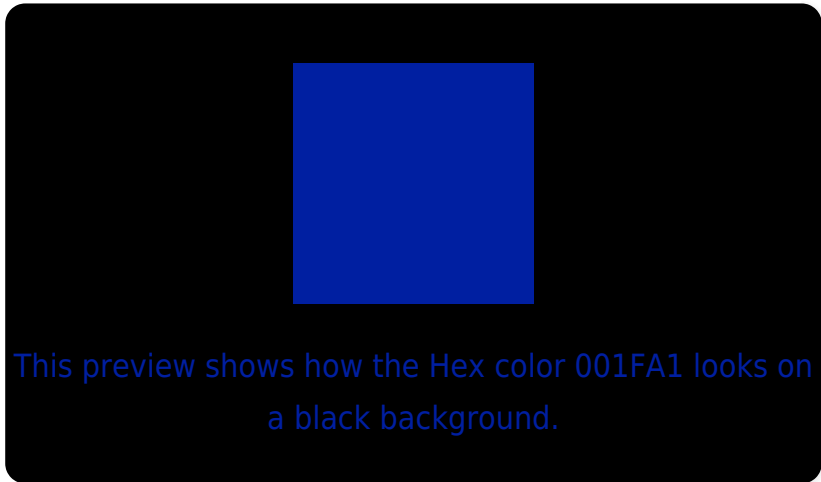
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

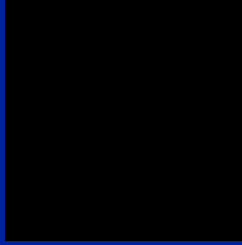
Any Text WCAG AA × Fail

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 001FA1 Background



This preview shows how black text looks on a background with the Hex color 001FA1.



This preview shows how white text looks on a background with the Hex color 001FA1.

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
001FA1

Protanopia
00346E

Deuteranopia
00385D



Tritanopia
003C3F

Trichromacy



Original Color
001FA1

Protanomaly
002C81

Deuteranomaly
002F76

Tritanomaly
003163

Monochromacy



Original Color
001FA1

Achromatopsia
252525

Achromatomaly
182352

CSS Examples

Text

The CSS property to change the color of the text to Hex 001FA1 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 #001FA1 looks like.

```
.text, #text, p{  
    color:#001FA1  
}
```

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 #001FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001FA1
}
```

Border

The CSS property to change the border of an element to Hex 001FA1 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
#001FA1 }
```

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

```
.border{ border-color:#001FA1 }
```

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

Here you see how a box with a 4 pixel #001FA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001FA1; -webkit-box-shadow:4px 4px  
4px 4px #001FA1; box-shadow:4px 4px 4px  
4px #001FA1 }
```

Background

The CSS property to change the background color of an element to Hex 001FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001FA1 }
```

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

```
.background{ background-color:#001FA1 }
```

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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