

Converting Colors

Hex(003FAD)

Have a look what the booklet for
Hex(003FAD) contains.

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Color

Hex(003FAD)

Conversions

Conversions Part 1

Format	Color
Hex	003FAD
RGB	0, 63, 173
RGB Percent	0%, 25%, 68%
CMY	1.0000, 0.7529, 0.3216
CMYK	1.00, 0.64, 0.00, 0.32
HSL	218°, 100%, 34%
HSV	218°, 100%, 68%
XYZ	9.3203, 6.5721, 40.3125
YIQ	56.7030, -72.8580, 20.8540

Conversions

Conversions Part 2

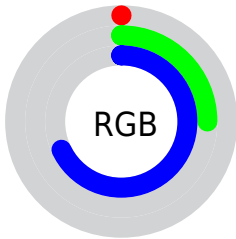
Format	Color
RYB	0, 46, 173
Decimal	16301
CIELab	30.81, 28.79, -62.90
CIELCh	31, 69.177, 294.595
Yxy	6.5721, 0.1658, 0.1169
Android (android.graphics.Color)	4278206381 (0xFF003FAD)
YUV	56.7030, 57.3344, -49.7285
Hunter-Lab	25.6362, 20.0324, -75.2872

Details

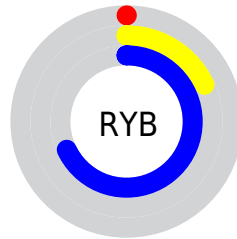
The Hex color **003FAD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AD6E00**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5C6EE5**, and **001777** is the 20% darker color. If you saturate the color by 10%, you get **003FAD**, and if you desaturate by 10%, it is **114AAD**.

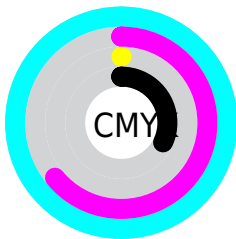
Distribution



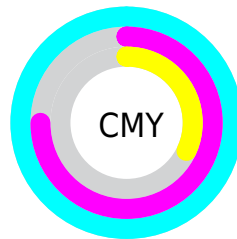
- Red (0%)
- Green (25%)
- Blue (68%)



- Red (0%)
- Yellow (18%)
- Blue (68%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (75%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003FAD 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 003FAD by changing the saturation by 10% instead.

■ 003FAD

■ 003FAD

FFFFFF

■ 002A92

■ 5C6EE5

■ 001777

■ 7B87FF

■ 00005E

■ 99A1FF

■ 000845

■ B6BCFF

■ 00042E

■ D4D8FF

■ 000118

■ F3F4FF

■ 000000

■ 003FAD

■ 114AAD

■ 2355AD

■ 3460AD

■ 456BAD

■ 5776AD

■ 6881AD

■ 798CAD

■ 8A97AD

■ 9CA2AD

Harmonies

Analogous

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



0053B7



003FAD



7D1388

Triad

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



003FAD



882600



005D3D

Complementary

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



003FAD



AD6E00

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.



005900



003FAD



624300

Square

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



003FAD



9F0020



2D5200



005E75

Rectangle

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



003FAD



970067



2D5200



005C29

Sweetspot

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



003FAD



9DB6E0



00AD6E



485770



F0F0F0



707070

Same Dimension

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



003FAD



0052E0



1700AD



4E5157



003796



000817

Inverse Universe

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



AD003F



E00052



96AD00



574E51



960037



170008

Previews

White Background



This preview shows how the Hex color 003FAD looks on a white background.

Color Contrast Check

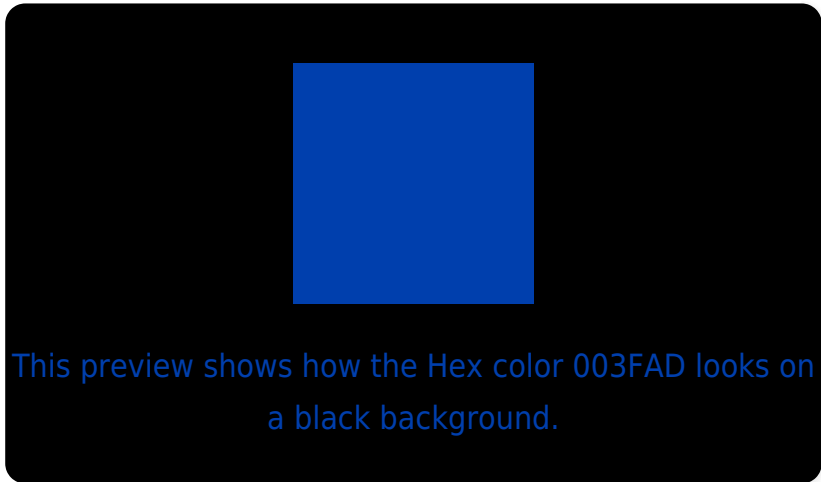
Large Text (above 18pt) WCAG AA ✓ Pass

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

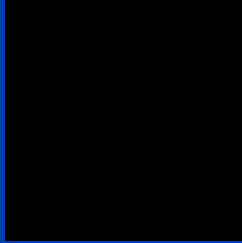
Any Text WCAG AA × Fail

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 003FAD Background



This preview shows how black text looks on a background with the Hex color 003FAD.



This preview shows how white text looks on a background with the Hex color 003FAD.

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
003FAD

Protanopia
004694

Deuteranopia
004B7F

Trichromacy



Original Color
003FAD

Protanomaly
00439D

Deuteranomaly
004790

Tritanomaly
004A75

Monochromacy



Original Color
003FAD

Achromatopsia
393939

Achromatomaly
243B63

CSS Examples

Text

The CSS property to change the color of the text to Hex 003FAD 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 #003FAD looks like.

```
.text, #text, p{  
    color:#003FAD  
}
```

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 #003FAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003FAD
}
```

Border

The CSS property to change the border of an element to Hex 003FAD 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
#003FAD }
```

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

```
.border{ border-color:#003FAD }
```

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

Here you see how a box with a 4 pixel #003FAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003FAD; -webkit-box-shadow:4px 4px  
4px 4px #003FAD; box-shadow:4px 4px 4px  
4px #003FAD }
```

Background

The CSS property to change the background color of an element to Hex 003FAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003FAD }
```

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

```
.background{ background-color:#003FAD }
```

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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