

Converting Colors

Hex(001BA6)

Have a look what the booklet for
Hex(001BA6) contains.

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Color

Hex(001BA6)

Conversions

Conversions Part 1

Format	Color
Hex	001BA6
RGB	0, 27, 166
RGB Percent	0%, 11%, 65%
CMY	1.0000, 0.8941, 0.3490
CMYK	1.00, 0.84, 0.00, 0.35
HSL	230°, 100%, 33%
HSV	230°, 100%, 65%
XYZ	7.2749, 3.5370, 36.3757
YIQ	34.7730, -60.7110, 37.5050

Conversions

Conversions Part 2

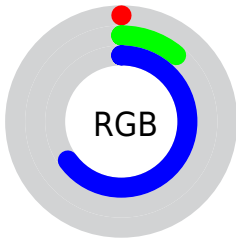
Format	Color
RYB	0, 23, 166
Decimal	7078
CIELab	22.08, 48.16, -73.12
CIELCh	22, 87.561, 303.371
Yxy	3.5370, 0.1542, 0.0750
Android (android.graphics.Color)	4278197158 (0xFF001BA6)
YUV	34.7730, 64.6949, -30.4959
Hunter-Lab	18.8070, 36.1345, -101.5111

Details

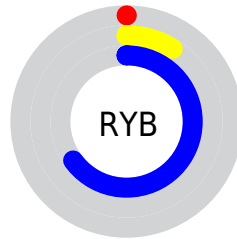
The Hex color **001BA6** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A68B00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5D4ADE**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **001BA6**, and if you desaturate by 10%, it is **1129A6**.

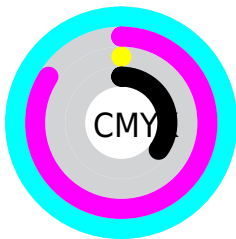
Distribution



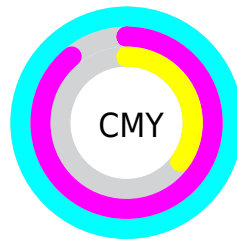
- Red (0%)
- Green (11%)
- Blue (65%)



- Red (0%)
- Yellow (9%)
- Blue (65%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (89%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001BA6 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 001BA6 by changing the saturation by 10% instead.

001BA6

001BA6

FFFFFF

00038B

5D4ADE

000070

7C63FC

000157

9B7CFF

00063F

B997FF

000328

D7B2FF

000111

F6CEFF

000000

FFE AFF

001BA6

■ 1129A6

■ 2137A6

■ 3245A6

■ 4253A6

■ 5360A6

■ 646EA6

■ 747CA6

■ 858AA6

■ 9598A6

Harmonies

Analogous

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



0040BD



001BA6



810071

Triad

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



001BA6



6D0E00



00493B

Complementary

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



001BA6



A68B00

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.



004700



001BA6



3C3600

Square

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



001BA6



8F0000



004200



004B7D

Rectangle

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



001BA6



960046



004200



004824

Sweetspot

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



001BA6



98A2D9



00A68A



464D6E



EDEDED



6E6E6E

Same Dimension

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



001BA6



0023D9



3700A6



4C4D54



001894



000314

Inverse Universe

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



A6001B



D90023



6FA600



544C4D



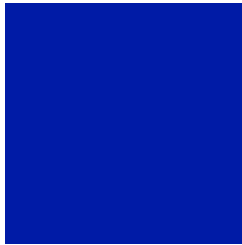
940018



140003

Previews

White Background



This preview shows how the Hex color 001BA6 looks on a white background.

Color Contrast Check

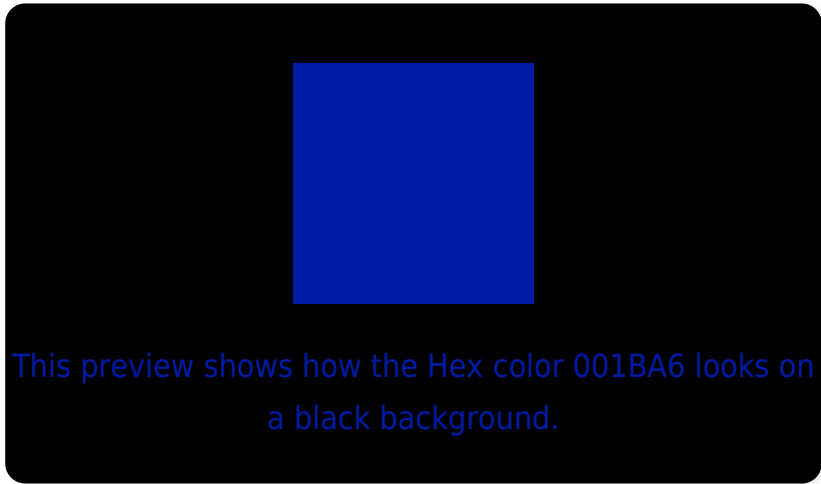
Large Text (above 18pt) WCAG AA ✓ Pass

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

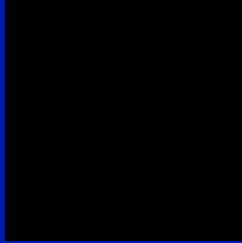
Any Text WCAG AA × Fail

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 001BA6 Background



This preview shows how black text looks on a background with the Hex color 001BA6.



This preview shows how white text looks on a background with the Hex color 001BA6.

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
001BA6

Protanopia
00346E

Deuteranopia
00385D



Tritanopia
003C3F

Trichromacy



Original Color
001BA6

Protanomaly
002B82

Deuteranomaly
002D78

Tritanomaly
003064

Monochromacy



Original Color
001BA6

Achromatopsia
232323

Achromatomaly
162053

CSS Examples

Text

The CSS property to change the color of the text to Hex 001BA6 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 #001BA6 looks like.

```
.text, #text, p{  
    color:#001BA6  
}
```

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 #001BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001BA6
}
```

Border

The CSS property to change the border of an element to Hex 001BA6 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
#001BA6 }
```

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

```
.border{ border-color:#001BA6 }
```

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

Here you see how a box with a 4 pixel #001BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001BA6; -webkit-box-shadow:4px 4px  
4px 4px #001BA6; box-shadow:4px 4px 4px  
4px #001BA6 }
```

Background

The CSS property to change the background color of an element to Hex 001BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001BA6 }
```

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

```
.background{ background-color:#001BA6 }
```

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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