

Converting Colors

Hex(001BBA)

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

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Color

Hex(001BBA)

Conversions

Conversions Part 1

Format	Color
Hex	001BBA
RGB	0, 27, 186
RGB Percent	0%, 11%, 73%
CMY	1.0000, 0.8941, 0.2706
CMYK	1.00, 0.85, 0.00, 0.27
HSL	231°, 100%, 36%
HSV	231°, 100%, 73%
XYZ	9.2549, 4.3290, 46.8022
YIQ	37.0530, -67.1310, 43.7250

Conversions

Conversions Part 2

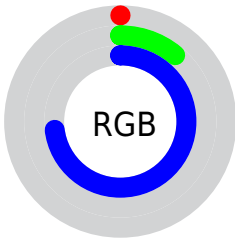
Format	Color
RYB	0, 24, 186
Decimal	7098
CIELab	24.73, 54.46, -80.71
CIELCh	25, 97.370, 304.011
Yxy	4.3290, 0.1533, 0.0717
Android (android.graphics.Color)	4278197178 (0xFF001BBA)
YUV	37.0530, 73.4309, -32.4955
Hunter-Lab	20.8063, 42.9874, -118.8036

Details

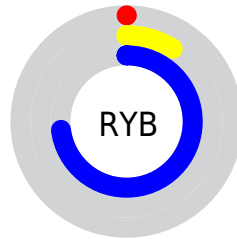
The Hex color **001BBA** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BA9F00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **634CF4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **001BBA**, and if you desaturate by 10%, it is **132BBA**.

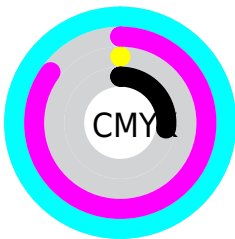
Distribution



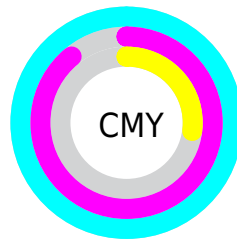
- Red (0%)
- Green (11%)
- Blue (73%)



- Red (0%)
- Yellow (9%)
- Blue (73%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (89%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 001BBA

 001BBA

FFFFFF

 00019E

 634CF4

 000083

 8465FF

 000069

 A37FFF

 000A50

 C29AFF

 000538

 E1B5FF

 000221

 FFD1FF

 000006

 FFE0FF

 000000

 001BBA

 132BBA

 253BBA

 384BBA

 4A5BBA

 5D6ABA

 707ABA

 828ABA

 959ABA

 A7AABA

Harmonies

Analogous

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



0047D5



001BBA



91007D

Triad

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



001BBA



790F00



005144

Complementary

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



001BBA



BA9F00

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.



004E00



001BBA



403C00

Square

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



001BBA



9F0000



004A00



00538E

Rectangle

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



001BBA



A9004D



004A00



005029

Sweetspot

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



001BBA



AAB4F2



00BA9E



4E557A



FAFAFA



7A7A7A

Same Dimension

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



001BBA



0023F2



4100BA



53545C



00179C



00041C

Inverse Universe

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



BA001B



F20023



79BA00



5C5354



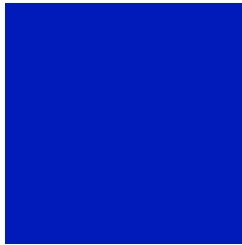
9C0017



1C0004

Previews

White Background



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

Color Contrast Check

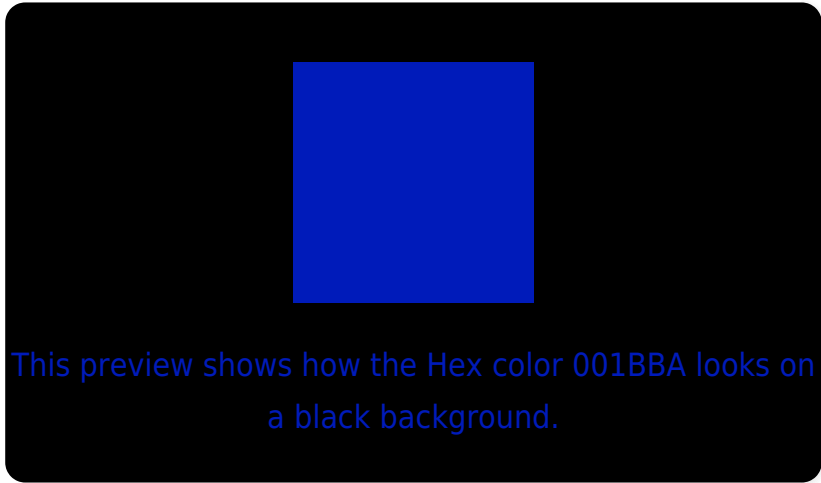
Large Text (above 18pt) WCAG AA ✓ Pass

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

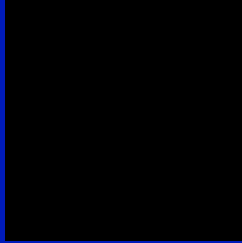
Any Text WCAG AA × Fail

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 001BBA Background



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



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

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
001BBA

Protanopia
003A79

Deuteranopia
003E67

Trichromacy



Original Color
001BBA

Protanomaly
002F91

Deuteranomaly
003185

Monochromacy



Original Color
001BBA

Achromatopsia
252525

Achromatomaly
18215B

CSS Examples

Text

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

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

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 #001BBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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