

Converting Colors

Hex(001BB8)

Have a look what the booklet for
Hex(001BB8) contains.

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Color

Hex(001BB8)

Conversions

Conversions Part 1

Format	Color
Hex	001BB8
RGB	0, 27, 184
RGB Percent	0%, 11%, 72%
CMY	1.0000, 0.8941, 0.2784
CMYK	1.00, 0.85, 0.00, 0.28
HSL	231°, 100%, 36%
HSV	231°, 100%, 72%
XYZ	9.0437, 4.2446, 45.6900
YIQ	36.8250, -66.4890, 43.1030

Conversions

Conversions Part 2

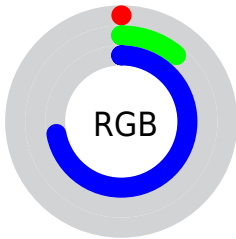
Format	Color
RYB	0, 24, 184
Decimal	7096
CIELab	24.46, 53.85, -79.97
CIElCh	24, 96.409, 303.957
Yxy	4.2446, 0.1533, 0.0720
Android (android.graphics.Color)	4278197176 (0xFF001BB8)
YUV	36.8250, 72.5573, -32.2955
Hunter-Lab	20.6023, 42.3009, -117.0665

Details

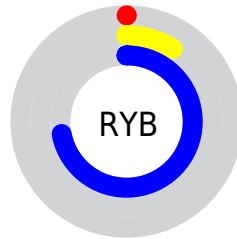
The Hex color **001BB8** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B89D00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **634CF1**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **001BB8**, and if you desaturate by 10%, it is **122BB8**.

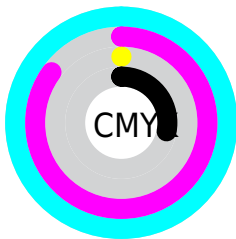
Distribution



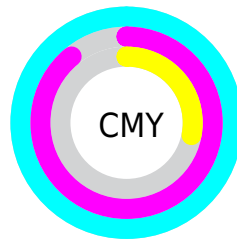
- Red (0%)
- Green (11%)
- Blue (72%)



- Red (0%)
- Yellow (9%)
- Blue (72%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (89%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001BB8 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 001BB8 by changing the saturation by 10% instead.

■ 001BB8

FFFFFF

■ 634CF1

■ 8365FF

■ A27FFF

■ C199FF

■ E0B5FF

■ FFD1FF

■ FFEDFF

■ 001BB8

■ 00019C

■ 000081

■ 000067

■ 000A4E

■ 000536

■ 000220

■ 000004

■ 000000

■ 001BB8

 122BB8

 253AB8

 374AB8

 4A5AB8

 5C69B8

 6E79B8

 8189B8

 9399B8

 A6A8B8

Harmonies

Analogous

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



0046D3



001BB8



90007C

Triad

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



001BB8



770F00



005043

Complementary

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



001BB8



B89D00

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.



004D00



001BB8



403C00

Square

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



001BB8



9E0000



004900



00528C

Rectangle

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



001BB8



A7004C



004900



004F29

Sweetspot

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



001BB8



A8B2F0



00B89C



4D5378



F7F7F7



787878

Same Dimension

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



001BB8



0023F0



4000B8



53545C



00179C



00041C

Inverse Universe

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



B8001B



F00023



78B800



5C5354



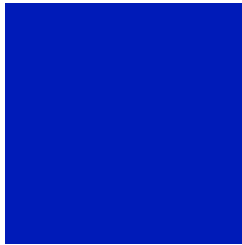
9C0017



1C0004

Previews

White Background



This preview shows how the Hex color 001BB8 looks on a white background.

Color Contrast Check

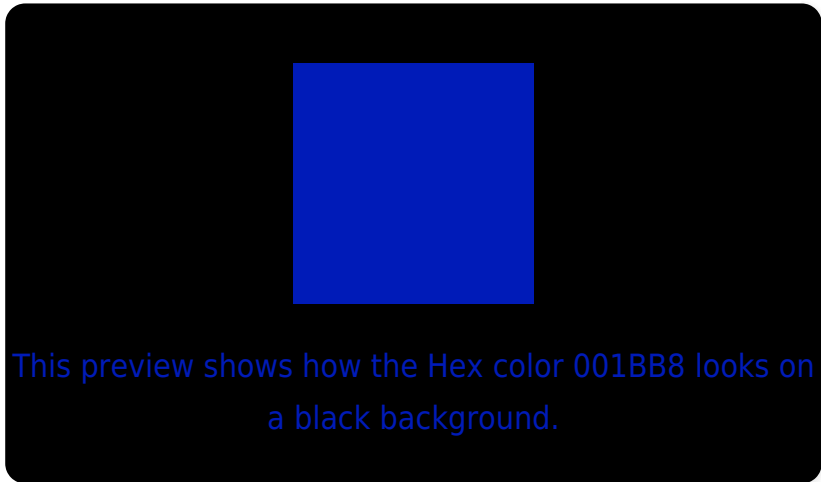
Large Text (above 18pt) WCAG AA ✓ Pass

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

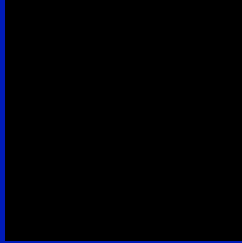
Any Text WCAG AA × Fail

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 001BB8 Background



This preview shows how black text looks on a background with the Hex color 001BB8.



This preview shows how white text looks on a background with the Hex color 001BB8.

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
001BB8

Protanopia
003978

Deuteranopia
003D66



Tritanopia
004245

Trichromacy



Original Color
001BB8

Protanomaly
002E8F

Deuteranomaly
003184

Tritanomaly
00346F

Monochromacy



Original Color
001BB8

Achromatopsia
252525

Achromatomaly
18215A

CSS Examples

Text

The CSS property to change the color of the text to Hex 001BB8 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 #001BB8 looks like.

```
.text, #text, p{  
    color:#001BB8  
}
```

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 #001BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001BB8
}
```

Border

The CSS property to change the border of an element to Hex 001BB8 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
#001BB8 }
```

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

```
.border{ border-color:#001BB8 }
```

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

Here you see how a box with a 4 pixel #001BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001BB8; -webkit-box-shadow:4px 4px  
4px 4px #001BB8; box-shadow:4px 4px 4px  
4px #001BB8 }
```

Background

The CSS property to change the background color of an element to Hex 001BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001BB8 }
```

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

```
.background{ background-color:#001BB8 }
```

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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