

Converting Colors

Hex(0000B8)

Have a look what the booklet for
Hex(0000B8) contains.

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Color

Hex(0000B8)

Conversions

Conversions Part 1

Format	Color
Hex	0000B8
RGB	0, 0, 184
RGB Percent	0%, 0%, 72%
CMY	1.0000, 1.0000, 0.2784
CMYK	1.00, 1.00, 0.00, 0.28
HSL	240°, 100%, 36%
HSV	240°, 100%, 72%
XYZ	8.6517, 3.4607, 45.5594
YIQ	20.9760, -59.0640, 57.2240

Conversions

Conversions Part 2

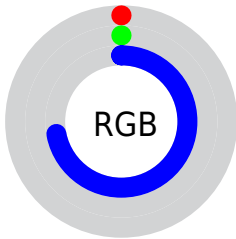
Format	Color
RYB	0, 0, 184
Decimal	184
CIELab	21.80, 61.98, -84.41
CIELCh	22, 104.725, 306.287
Yxy	3.4607, 0.1500, 0.0600
Android (android.graphics.Color)	4278190264 (0xFF0000B8)
YUV	20.9760, 80.3708, -18.3960
Hunter-Lab	18.6029, 50.4605, -132.1817

Details

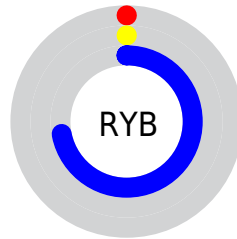
The Hex color **0000B8** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **B8B800**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **643CF2**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **0000B8**, and if you desaturate by 10%, it is **1212B8**.

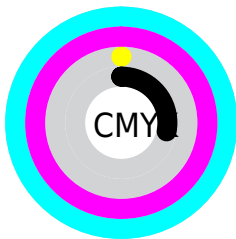
Distribution



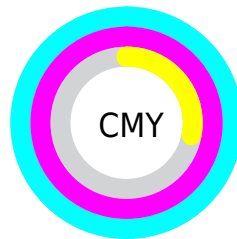
- Red (0%)
- Green (0%)
- Blue (72%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0000B8 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 0000B8 by changing the saturation by 10% instead.

 0000B8

 0000B8

 FFFCFF

 00009C

 643CF2

 000081

 8556FF

 000067

 A470FF

 000A4E

 C48BFF

 000536

 E3A6FF

 000220


 FFC2FF

 000003

 FFDFFF

 000000

 0000B8

 1212B8


 2525B8

 3737B8

 4A4AB8

 5C5CB8

 6E6EB8

 8181B8

 9393B8

 A6A6B8

Harmonies

Analogous

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



0041D9



0000B8



930075

Triad

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



0000B8



6F0500



004944

Complementary

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



0000B8



B8B800

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.



004800



0000B8



323800

Square

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



0000B8



990000



004400



004D92

Rectangle

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



0000B8



A80042



004400



004928

Sweetspot

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



0000B8



A8A8F0



00B8B8



4D4D78



F7F7F7



787878

Same Dimension

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



0000B8



0000F0



5C00B8



53535C



00009C



00001C

Inverse Universe

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



B800B8



F000F0



5CB800



5C535C



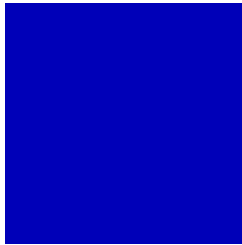
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 0000B8 looks on a white background.

Color Contrast Check

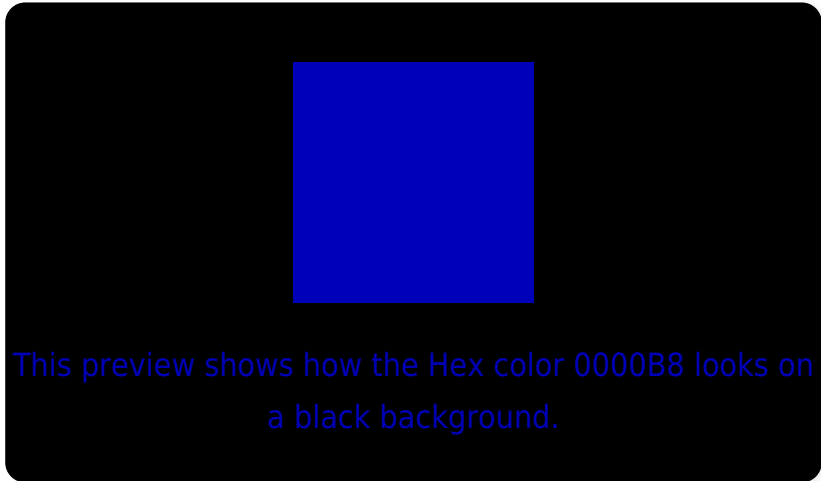
Large Text (above 18pt) WCAG AA ✓ Pass

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

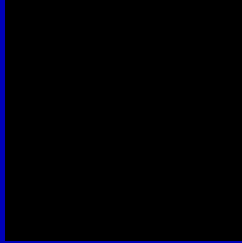
Any Text WCAG AA × Fail

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 0000B8 Background



This preview shows how black text looks on a background with the Hex color 0000B8.



This preview shows how white text looks on a background with the Hex color 0000B8.

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
0000B8

Protanopia
003671

Deuteranopia
00395F



Tritanopia
003E41

Trichromacy



Original Color
0000B8

Protanomaly
00228B

Deuteranomaly
00247F

Tritanomaly
00276C

Monochromacy



Original Color
0000B8

Achromatopsia
151515

Achromatomaly
0D0D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 0000B8 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 #0000B8 looks like.

```
.text, #text, p{  
    color:#0000B8  
}
```

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 #0000B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000B8
}
```

Border

The CSS property to change the border of an element to Hex 0000B8 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
#0000B8 }
```

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

```
.border{ border-color:#0000B8 }
```

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

Here you see how a box with a 4 pixel #0000B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000B8; -webkit-box-shadow:4px 4px  
4px 4px #0000B8; box-shadow:4px 4px 4px  
4px #0000B8 }
```

Background

The CSS property to change the background color of an element to Hex 0000B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000B8 }
```

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

```
.background{ background-color:#0000B8 }
```

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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