

Converting Colors

Hex(0107B8)

Have a look what the booklet for
Hex(0107B8) contains.

Hex(0107B8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0107B8)

Conversions

Conversions Part 1

Format	Color
Hex	0107B8
RGB	1, 7, 184
RGB Percent	0%, 3%, 72%
CMY	0.9961, 0.9725, 0.2784
CMYK	0.99, 0.96, 0.00, 0.28
HSL	238°, 99%, 36%
HSV	238°, 99%, 72%
XYZ	8.7402, 3.6191, 45.5853
YIQ	25.3840, -60.3930, 53.7750

Conversions

Conversions Part 2

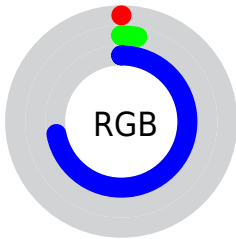
Format	Color
RYB	1, 7, 184
Decimal	67512
CIELab	22.37, 60.29, -83.46
CIELCh	22, 102.964, 305.845
Yxy	3.6191, 0.1508, 0.0625
Android (android.graphics.Color)	4278257592 (0xFF0107B8)
YUV	25.3840, 78.1977, -21.3848
Hunter-Lab	19.0239, 48.7169, -128.7544

Details

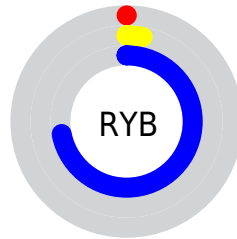
The Hex color **0107B8** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **B8B201**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6440F2**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **0006B8**, and if you desaturate by 10%, it is **1319B8**.

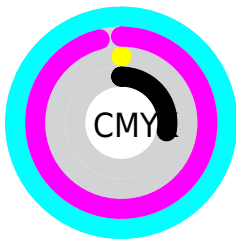
Distribution



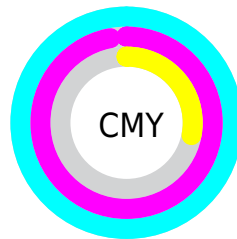
- Red (0%)
- Green (3%)
- Blue (72%)



- Red (0%)
- Yellow (3%)
- Blue (72%)



- Cyan (99%)
- Magenta (96%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (97%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0107B8 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 0107B8 by changing the saturation by 10% instead.

0107B8

0107B8

FFFFFF

00009C

6440F2

000081

8559FF

000067

A473FF

000A4E

C38EFF

000536

E2A9FF

000220

FFC5FF

000003

FFE2FF

000000

0107B8

0107B8

■ 0006B8

■ 1319B8

■ 262BB8

■ 383CB8

■ 4B4EB8

■ 5D60B8

■ 6F72B8

■ 8284B8

■ 9495B8

■ A7A7B8

Harmonies

Analogous

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



0042D8



0107B8



920076

Triad

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



0107B8



710700



004B44

Complementary

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



0107B8



B8B201

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.



004900



0107B8



353900

Square

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



0107B8



9A0000



004500



004E91

Rectangle

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



0107B8



A80044



004500



004A29

Sweetspot

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



0107B8



A8AAF0



01B8B2



4D4E78



F7F7F7



787878

Same Dimension

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



0107B8



0008F0



5601B8



53535C



00059C



00011C

Inverse Universe

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



B80107



F00008



63B801



5C5353



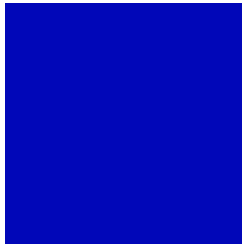
9C0005



1C0001

Previews

White Background



This preview shows how the Hex color 0107B8 looks on a white background.

Color Contrast Check

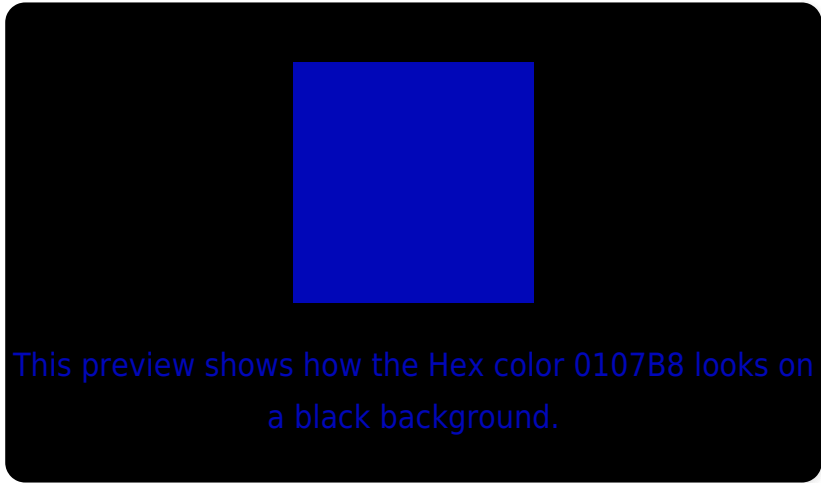
Large Text (above 18pt) WCAG AA ✓ Pass

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

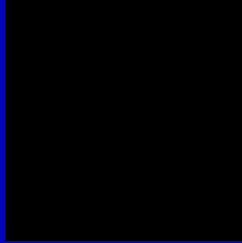
Any Text WCAG AA × Fail

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 0107B8 Background



This preview shows how black text looks on a background with the Hex color 0107B8.



This preview shows how white text looks on a background with the Hex color 0107B8.

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
0107B8

Protanopia
003671

Deuteranopia
003A60

Trichromacy



Original Color
0107B8

Protanomaly
00258B

Deuteranomaly
002780

Monochromacy



Original Color
0107B8

Achromatopsia
191919

Achromatomaly
101253

CSS Examples

Text

The CSS property to change the color of the text to Hex 0107B8 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 #0107B8 looks like.

```
.text, #text, p{  
    color:#0107B8  
}
```

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 #0107B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0107B8
}
```

Border

The CSS property to change the border of an element to Hex 0107B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

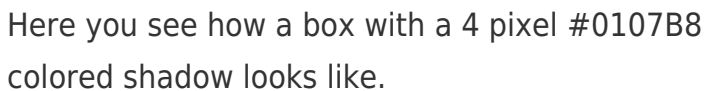
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0107B8 }
```

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

```
.border{ border-color:#0107B8 }
```

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



Here you see how a box with a 4 pixel #0107B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0107B8; -webkit-box-shadow:4px 4px  
4px 4px #0107B8; box-shadow:4px 4px 4px  
4px #0107B8 }
```

Background

The CSS property to change the background color of an element to Hex 0107B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0107B8 }
```

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

```
.background{ background-color:#0107B8 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor