

Converting Colors

Hex(0101BC)

Have a look what the booklet for
Hex(0101BC) contains.

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Color

Hex(0101BC)

Conversions

Conversions Part 1

Format	Color
Hex	0101BC
RGB	1, 1, 188
RGB Percent	0%, 0%, 74%
CMY	0.9961, 0.9961, 0.2627
CMYK	0.99, 0.99, 0.00, 0.26
HSL	240°, 99%, 37%
HSV	240°, 99%, 74%
XYZ	9.1005, 3.6590, 47.8036
YIQ	22.3180, -60.0270, 58.1570

Conversions

Conversions Part 2

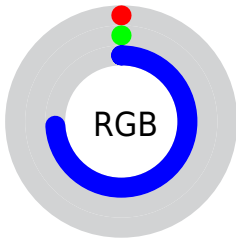
Format	Color
R_{YB}	1, 1, 188
Decimal	65980
CIE _{Lab}	22.51, 62.75, -85.61
CIE _{LCh}	23, 106.143, 306.240
Yxy	3.6590, 0.1503, 0.0604
Android (android.graphics.Color)	4278256060 (0xFF0101BC)
YUV	22.3180, 81.6812, -18.6959
Hunter-Lab	19.1285, 51.4472, -134.7801

Details

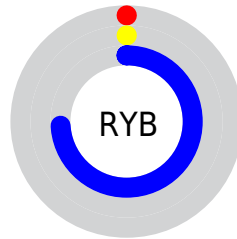
The Hex color **0101BC** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **BCBC01**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **663DF6**, and **000085** is the 20% darker color. If you saturate the color by 10%, you get **0000BC**, and if you desaturate by 10%, it is **1414BC**.

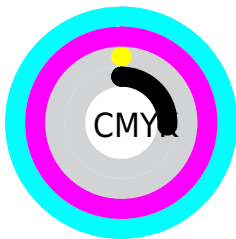
Distribution



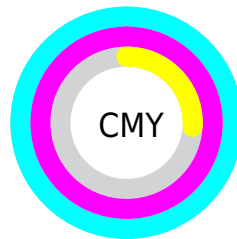
- Red (0%)
- Green (0%)
- Blue (74%)



- Red (0%)
- Yellow (0%)
- Blue (74%)



- Cyan (99%)
- Magenta (99%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (100%)
- Yellow (26%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0101BC 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 0101BC by changing the saturation by 10% instead.

 0101BC

 0101BC

 FFFDFD

 0000A0

 663DF6

 000085

 8757FF

 00006A

 A672FF

 000B51

 C58CFF

 000539

 E4A8FF

 000223

 FFC4FF

 000009

 FFE0FF

 000000

 0101BC

 0101BC

■ 0000BC

■ 1414BC

■ 2727BC

■ 3939BC

■ 4C4CBC

■ 5F5FBC

■ 7272BC

■ 8585BC

■ 9797BC

■ AAAABC

Harmonies

Analogous

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



0043DD



0101BC



960078

Triad

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



0101BC



720500



004B46

Complementary

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



0101BC



BCBC01

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.



004A00



0101BC



343900

Square

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



0101BC



9D0000



004600



004F95

Rectangle

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



0101BC



AC0044



004600



004B2A

Sweetspot

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



0101BC



ABABF5



01BCBC



4E4E7A



FAFAFA



7A7A7A

Same Dimension

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



0101BC



0000F5



5F01BC



55555E



00009E



00001F

Inverse Universe

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



BC01BC



F500F5



5FBC01



5E555E



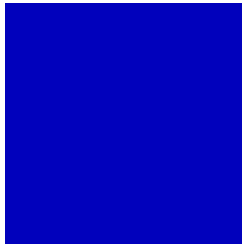
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 0101BC looks on a white background.

Color Contrast Check

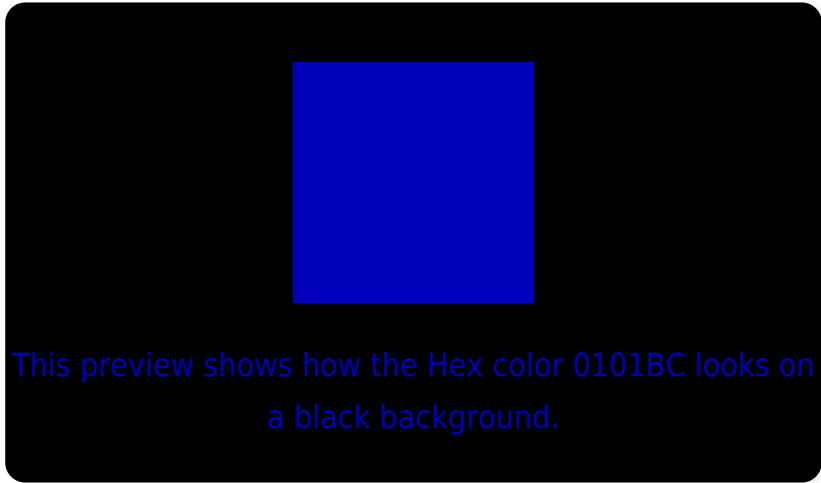
Large Text (above 18pt) WCAG AA ✓ Pass

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

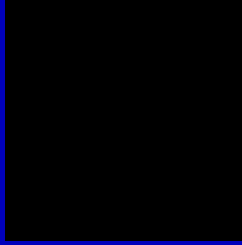
Any Text WCAG AA × Fail

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 0101BC Background



This preview shows how black text looks on a background with the Hex color 0101BC.



This preview shows how white text looks on a background with the Hex color 0101BC.

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
0101BC

Protanopia
003773

Deuteranopia
003B61



Tritanopia
003F42

Trichromacy



Original Color
0101BC

Protanomaly
00238E

Deuteranomaly
002682

Tritanomaly
00286E

Monochromacy



Original Color
0101BC

Achromatopsia
161616

Achromatomaly
0E0E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 0101BC 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 #0101BC looks like.

```
.text, #text, p{  
    color:#0101BC  
}
```

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 #0101BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0101BC }  
}
```

Border

The CSS property to change the border of an element to Hex 0101BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

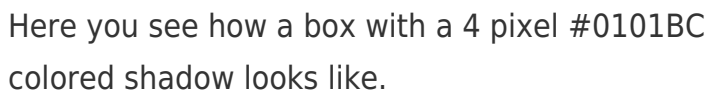
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #0101BC }  
}
```

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

```
.border{ border-color:#0101BC }
```

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



Here you see how a box with a 4 pixel #0101BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0101BC; -webkit-box-shadow:4px 4px  
4px 4px #0101BC; box-shadow:4px 4px 4px  
4px #0101BC }
```

Background

The CSS property to change the background color of an element to Hex 0101BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0101BC }
```

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

```
.background{ background-color:#0101BC }
```

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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