

Converting Colors

Hex(0B0099)

Have a look what the booklet for
Hex(0B0099) contains.

Hex(0B0099)	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>	29

Color

Hex(0B0099)

Conversions

Conversions Part 1

Format	Color
Hex	0B0099
RGB	11, 0, 153
RGB Percent	4%, 0%, 60%
CMY	0.9569, 1.0000, 0.4000
CMYK	0.93, 1.00, 0.00, 0.40
HSL	244°, 100%, 30%
HSV	244°, 100%, 60%
XYZ	5.8878, 2.3711, 30.2843
YIQ	20.7310, -42.5570, 49.9150

Conversions

Conversions Part 2

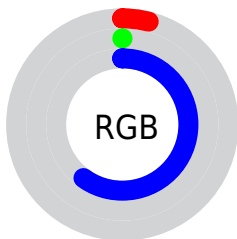
Format	Color
R_{YB}	11, 0, 153
Decimal	721049
CIE _{Lab}	17.33, 54.19, -73.09
CIE _{LCh}	17, 90.994, 306.554
Yxy	2.3711, 0.1528, 0.0615
Android (android.graphics.Color)	427891129 (0xFF0B0099)
YUV	20.7310, 65.2086, -8.5341
Hunter-Lab	15.3982, 41.3057, -105.8293

Details

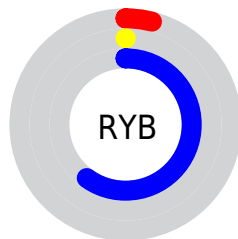
The Hex color **0B0099** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8E9900**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5D37D1**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **0B0099**, and if you desaturate by 10%, it is **190F99**.

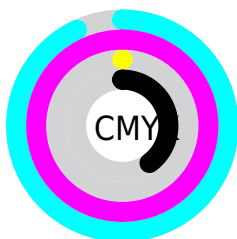
Distribution



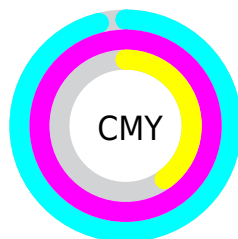
- Red (4%)
- Green (0%)
- Blue (60%)



- Red (4%)
- Yellow (0%)
- Blue (60%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (96%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0099 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 0B0099 by changing the saturation by 10% instead.

 0B0099

 0B0099

 FFF4FF

 00007E

 5D37D1

 000064

 7C51EE

 00094B

 9A6AFF

 000433

 B884FF

 00021D

 D69FFF

 000000

 F5BBFF

 FFD7FF

 0B0099

■ 190F99

■ 271F99

■ 362E99

■ 443D99

■ 524D99

■ 605C99

■ 6E6B99

■ 7D7A99

■ 8B8A99

Harmonies

Analogous

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



0035B5



0B0099



7B0061

Triad

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



0B0099



5C0500



003D38

Complementary

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



0B0099



8E9900

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.



003C00



0B0099



292E00

Square

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



0B0099



800000



003800



00407A

Rectangle

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



0B0099



8C0036



003800



003C21

Sweetspot

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



0B0099



908BC7



008F99



424063



E3E3E3



636363

Same Dimension

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



0B0099



0E00C7



570099



45454D



0A008C



01000D

Inverse Universe

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



99008E



C700B9



429900



4D454C



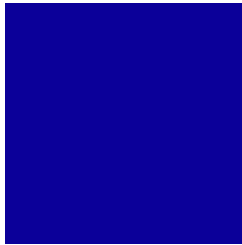
8C0082



0D000C

Previews

White Background



This preview shows how the Hex color 0B0099 looks on a white background.

Color Contrast Check

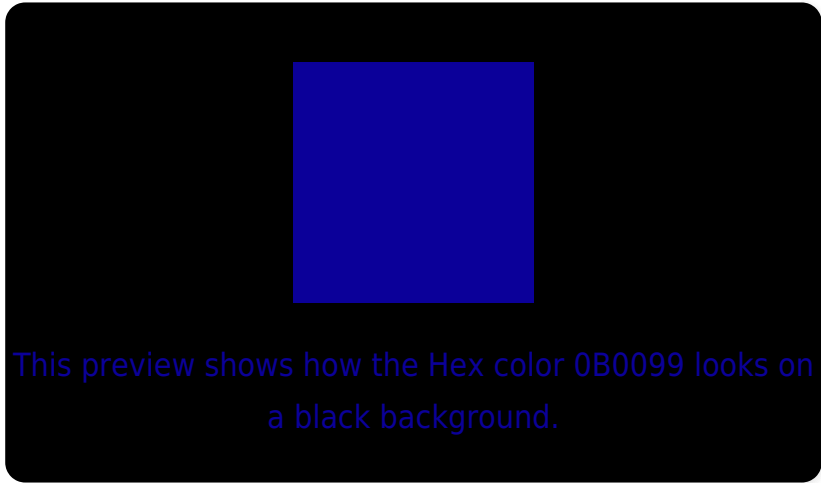
Large Text (above 18pt) WCAG AA ✓ Pass

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

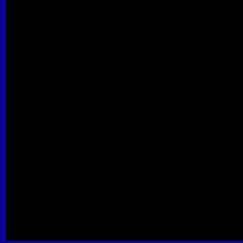
Any Text WCAG AA × Fail

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 0B0099 Background



This preview shows how black text looks on a background with the Hex color 0B0099.



This preview shows how white text looks on a background with the Hex color 0B0099.

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
0B0099

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



Original Color
0B0099

Protanomaly
041D73

Deuteranomaly
041F6B

Tritanomaly
04215A

Monochromacy



Original Color
0B0099

Achromatopsia
151515

Achromatomaly
110D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0099 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 #0B0099 looks like.

```
.text, #text, p{  
    color:#0B0099  
}
```

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 #0B0099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0099
}
```

Border

The CSS property to change the border of an element to Hex 0B0099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

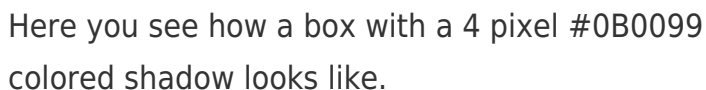
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B0099 }
```

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

```
.border{ border-color:#0B0099 }
```

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



Here you see how a box with a 4 pixel #0B0099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0099; -webkit-box-shadow:4px 4px  
4px 4px #0B0099; box-shadow:4px 4px 4px  
4px #0B0099 }
```

Background

The CSS property to change the background color of an element to Hex 0B0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0099 }
```

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

```
.background{ background-color:#0B0099 }
```

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