

Converting Colors

Hex(0C0C99)

Have a look what the booklet for
Hex(0C0C99) contains.

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Color

Hex(0C0C99)

Conversions

Conversions Part 1

Format	Color
Hex	0C0C99
RGB	12, 12, 153
RGB Percent	5%, 5%, 60%
CMY	0.9529, 0.9529, 0.4000
CMYK	0.92, 0.92, 0.00, 0.40
HSL	240°, 85%, 32%
HSV	240°, 92%, 60%
XYZ	6.0329, 2.6410, 30.3288
YIQ	28.0740, -45.2610, 43.8510

Conversions

Conversions Part 2

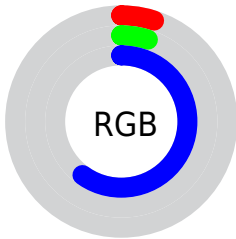
Format	Color
R_{YB}	12, 12, 153
Decimal	789657
CIE _{Lab}	18.54, 50.55, -71.06
CIE _{LCh}	19, 87.202, 305.428
Yxy	2.6410, 0.1547, 0.0677
Android (android.graphics.Color)	4278979737 (0xFF0C0C99)
YUV	28.0740, 61.5885, -14.0969
Hunter-Lab	16.2512, 37.8242, -99.2741

Details

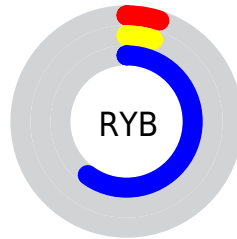
The Hex color **0C0C99** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **99990C**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5D3ED1**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **000099**, and if you desaturate by 10%, it is **1B1B99**.

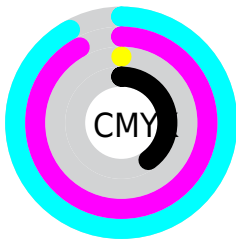
Distribution



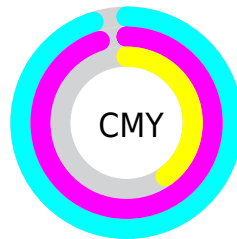
- Red (5%)
- Green (5%)
- Blue (60%)



- Red (5%)
- Yellow (5%)
- Blue (60%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0C99 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 0C0C99 by changing the saturation by 10% instead.

 0C0C99

 0C0C99

 FFFBFF

 00007E

 5D3ED1

 000064

 7B57EE

 00084B

 9971FF

 000433

 B78BFF

 00021D

 D5A6FF

 000000

 F3C1FF

 FFDEFF

 0C0C99

 0C0C99

■ 000099

■ 1B1B99

■ 2B2B99

■ 3A3A99

■ 494999

■ 585899

■ 686899

■ 777799

■ 868699

■ 969699

Harmonies

Analogous

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



0037B2



0C0C99



790064

Triad

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



0C0C99



600900



004038

Complementary

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



000099



999900

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.



003F00



0C0C99



2F3000

Square

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



0C0C99



820000



003A00



004278

Rectangle

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



0C0C99



8C003A



003A00



003F21

Sweetspot

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



0C0C99



8F8FC7



0C9999



424263



E3E3E3



636363

Same Dimension

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



0C0C99



0000C7



530C99



45454D



00008C



00000D

Inverse Universe

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



990C99



C700C7



53990C



4D454D



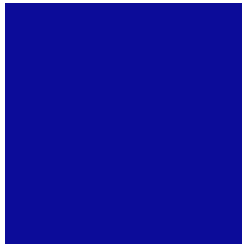
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 0C0C99 looks on a white background.

Color Contrast Check

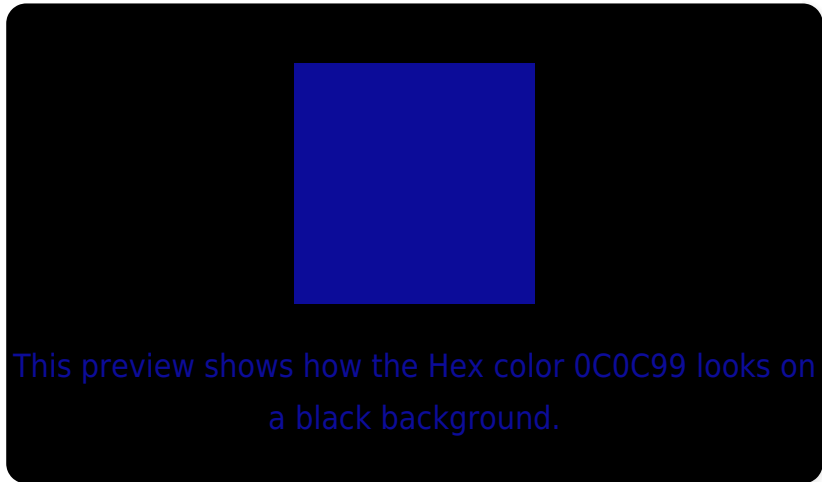
Large Text (above 18pt) WCAG AA ✓ Pass

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

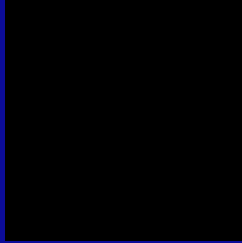
Any Text WCAG AA × Fail

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 0C0C99 Background



This preview shows how black text looks on a background with the Hex color 0C0C99.



This preview shows how white text looks on a background with the Hex color 0C0C99.

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
0C0C99

Protanopia
002E60

Deuteranopia
003151

Trichromacy



Original Color
0C0C99

Protanomaly
042275

Deuteranomaly
04246B

Tritanomaly
04265B

Monochromacy



Original Color
0C0C99

Achromatopsia
1C1C1C

Achromatomaly
161649

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0C99 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 #0C0C99 looks like.

```
.text, #text, p{  
    color:#0C0C99  
}
```

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 #0C0C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0C99
}
```

Border

The CSS property to change the border of an element to Hex 0C0C99 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".

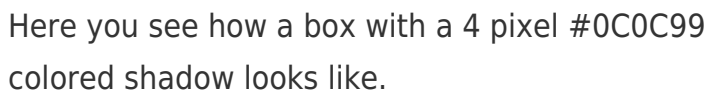
```
.border, #border, table{ border:4px solid
#0C0C99 }
```

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

```
.border{ border-color:#0C0C99 }
```

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

Here you see how a box with a 4 pixel #0C0C99 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0C99; -webkit-box-shadow:4px 4px  
4px 4px #0C0C99; box-shadow:4px 4px 4px  
4px #0C0C99 }
```

Background

The CSS property to change the background color of an element to Hex 0C0C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0C99 }
```

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

```
.background{ background-color:#0C0C99 }
```

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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