

Converting Colors

Hex(0C0C94)

Have a look what the booklet for
Hex(0C0C94) contains.

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Color

Hex(0C0C94)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0C0C94 |
| RGB | 12, 12, 148 |
| RGB Percent | 5%, 5%, 58% |
| CMY | 0.9529, 0.9529, 0.4196 |
| CMYK | 0.92, 0.92, 0.00, 0.42 |
| HSL | 240°, 85%, 31% |
| HSV | 240°, 92%, 58% |
| XYZ | 5.6284, 2.4792, 28.1989 |
| YIQ | 27.5040, -43.6560, 42.2960 |

Conversions

Conversions Part 2

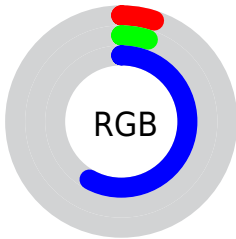
| Format | Color |
|-------------------------------------|--|
| RYB | 12, 12, 148 |
| Decimal | 789652 |
| CIELab | 17.82, 49.09, -69.17 |
| CIElCh | 18, 84.818, 305.367 |
| Yxy | 2.4792, 0.1550, 0.0683 |
| Android (android.graphics.Color) | 4278979732 (0xFF0C0C94) |
| YUV | 27.5040, 59.4045, -13.5970 |
| Hunter-Lab | 15.7456, 36.2517, -95.1611 |

Details

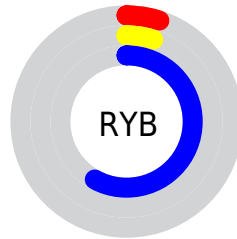
The Hex color **0C0C94** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **94940C**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **5B3ECB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **000094**, and if you desaturate by 10%, it is **1B1B94**.

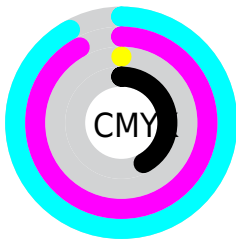
Distribution



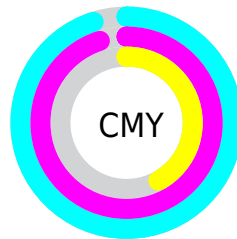
- Red (5%)
- Green (5%)
- Blue (58%)



- Red (5%)
- Yellow (5%)
- Blue (58%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (42%)



- Cyan (95%)
- Magenta (95%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0C94 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 0C0C94 by changing the saturation by 10% instead.

 0C0C94

 0C0C94

 FFF9FF

 000079

 5B3ECB

 000060

 7A56E8

 000847

 9770FF

 00042F

 B58AFF

 00011A

 D3A5FF

 000000

 F1C0FF

 FFDDFF

 0C0C94

 0C0C94

000094

1B1B94

2A2A94

383894

474794

565694

656594

747494

828294

919194

Harmonies

Analogous

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



0035AC



0C0C94



750060

Triad

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



0C0C94



5D0900



003E36

Complementary

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



0C0C94



94940C

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.



003D00



0C0C94



2D2E00

Square

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



0C0C94



7D0000



003800



004074

Rectangle

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



0C0C94



870038



003800



003D20

Sweetspot

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



0C0C94



8A8ABF



0C9494



404061



E0E0E0



616161

Same Dimension

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



0C0C94



0000BF



500C94



43434A



00008A



00000A

Inverse Universe

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



940C94



BF00BF



50940C



4A434A



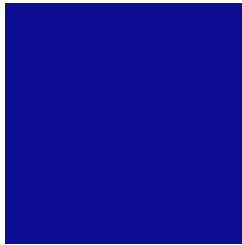
8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 0C0C94 looks on a white background.

Color Contrast Check

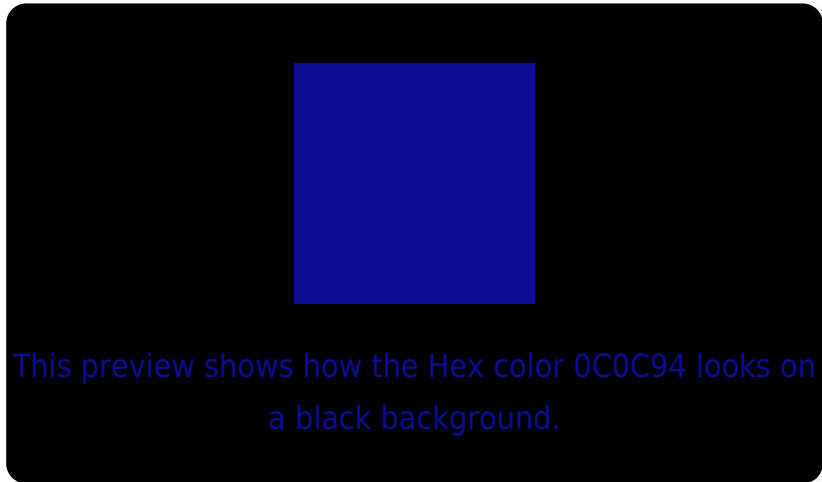
Large Text (above 18pt) WCAG AA ✓ Pass

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

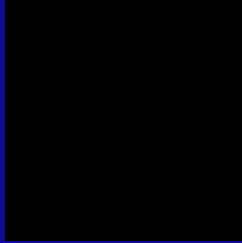
Any Text WCAG AA × Fail

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 0C0C94 Background



This preview shows how black text looks on a background with the Hex color 0C0C94.



This preview shows how white text looks on a background with the Hex color 0C0C94.

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
0C0C94

Protanopia
002C5D

Deuteranopia
002F4F



Tritanopia
003335

Trichromacy



Original Color
0C0C94

Protanomaly
042071

Deuteranomaly
042268

Tritanomaly
042558

Monochromacy



Original Color
0C0C94

Achromatopsia
1C1C1C

Achromatomaly
161648

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0C94 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 #0C0C94 looks like.

```
.text, #text, p{  
    color:#0C0C94  
}
```

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 #0C0C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0C94
}
```

Border

The CSS property to change the border of an element to Hex 0C0C94 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".

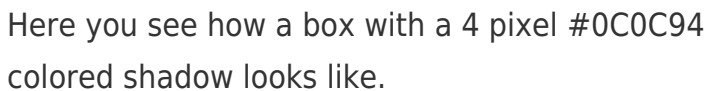
```
.border, #border, table{ border:4px solid
#0C0C94 }
```

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

```
.border{ border-color:#0C0C94 }
```

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

Here you see how a box with a 4 pixel #0C0C94 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #0C0C94 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0C94; -webkit-box-shadow:4px 4px  
4px 4px #0C0C94; box-shadow:4px 4px 4px  
4px #0C0C94 }
```

Background

The CSS property to change the background color of an element to Hex 0C0C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0C94 }
```

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

```
.background{ background-color:#0C0C94 }
```

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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