

Converting Colors

Hex(0C0B8E)

Have a look what the booklet for
Hex(0C0B8E) contains.

Hex(0C0B8E)	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(0C0B8E)

Conversions

Conversions Part 1

Format	Color
Hex	0C0B8E
RGB	12, 11, 142
RGB Percent	5%, 4%, 56%
CMY	0.9529, 0.9569, 0.4431
CMYK	0.92, 0.92, 0.00, 0.44
HSL	240°, 86%, 30%
HSV	240°, 92%, 56%
XYZ	5.1538, 2.2705, 25.7578
YIQ	26.2330, -41.4550, 40.9530

Conversions

Conversions Part 2

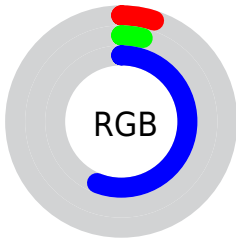
Format	Color
R_{YB}	12, 11, 142
Decimal	789390
CIE _{Lab}	16.85, 47.67, -67.06
CIE _{LCh}	17, 82.274, 305.405
Yxy	2.2705, 0.1553, 0.0684
Android (android.graphics.Color)	4278979470 (0xFF0C0B8E)
YUV	26.2330, 57.0731, -12.4823
Hunter-Lab	15.0682, 34.6831, -90.8036

Details

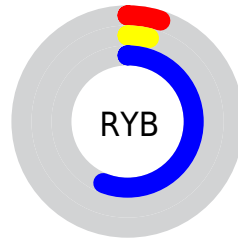
The Hex color **0C0B8E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8D8E0B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5A3CC5**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **01008E**, and if you desaturate by 10%, it is **1A198E**.

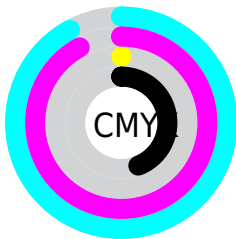
Distribution



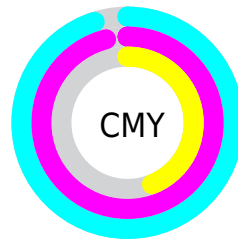
- Red (5%)
- Green (4%)
- Blue (56%)



- Red (5%)
- Yellow (4%)
- Blue (56%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0B8E 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 0C0B8E by changing the saturation by 10% instead.

 0C0B8E

 0C0B8E

 FFF7FF

 000074

 5A3CC5

 00005A

 7755E2

 000741

 956EFF

 00032A

 B288FF

 000115

 D0A3FF

 000000

 EEBEFF

 FFDBFF

 0C0B8E

 0C0B8E

■ 01008E

■ 1A198E

■ 28278E

■ 36368E

■ 44448E

■ 52528E

■ 61608E

■ 6F6E8E

■ 7D7D8E

■ 8B8B8E

Harmonies

Analogous

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



0033A6



0C0B8E



71005C

Triad

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



0C0B8E



590800



003B34

Complementary

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



0C0B8E



8D8E0B

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.



003A00



0C0B8E



2B2C00

Square

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



0C0B8E



780000



003600



003E6F

Rectangle

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



0C0B8E



820036



003600



003B1F

Sweetspot

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



0C0B8E



8584B8



0B8E8E



3D3D5C



DBDBDB



5C5C5C

Same Dimension

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



0C0B8E



0100B8



4D0B8E



404047



010087



000008

Inverse Universe

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



8E0B8D



B800B6



4D8E0B



474047



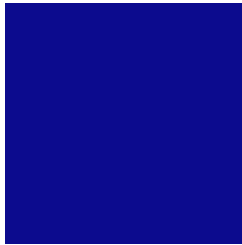
870086



080008

Previews

White Background



This preview shows how the Hex color 0C0B8E looks on a white background.

Color Contrast Check

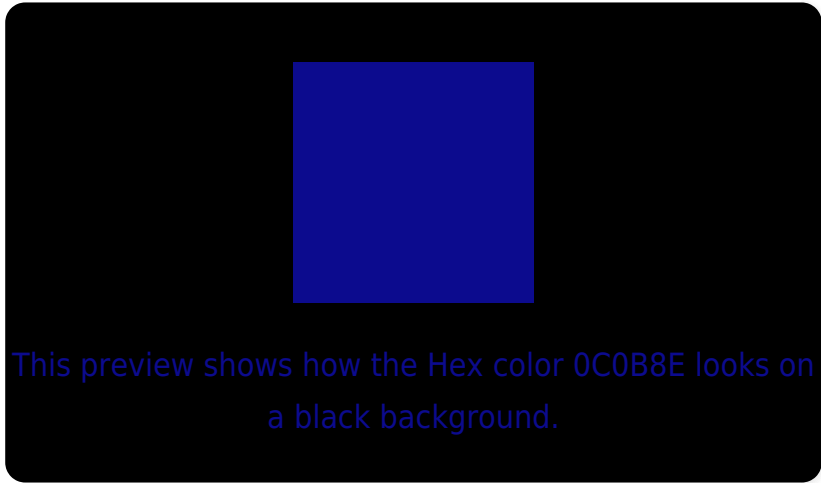
Large Text (above 18pt) WCAG AA ✓ Pass

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

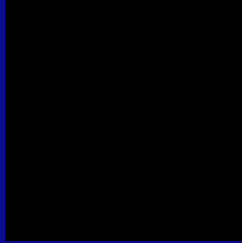
Any Text WCAG AA × Fail

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 0C0B8E Background



This preview shows how black text looks on a background with the Hex color 0C0B8E.



This preview shows how white text looks on a background with the Hex color 0C0B8E.

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
0C0B8E

Protanopia
002A59

Deuteranopia
002D4B



Tritanopia
003133

Trichromacy



Original Color
0C0B8E

Protanomaly
041F6C

Deuteranomaly
042163

Tritanomaly
042354

Monochromacy



Original Color
0C0B8E

Achromatopsia
1A1A1A

Achromatomaly
151544

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0B8E 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 #0C0B8E looks like.

```
.text, #text, p{  
    color:#0C0B8E  
}
```

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 #0C0B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0B8E
}
```

Border

The CSS property to change the border of an element to Hex 0C0B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

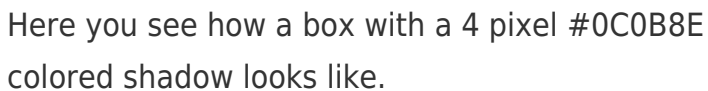
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C0B8E }
```

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

```
.border{ border-color:#0C0B8E }
```

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



Here you see how a box with a 4 pixel #0C0B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0B8E; -webkit-box-shadow:4px 4px  
4px 4px #0C0B8E; box-shadow:4px 4px 4px  
4px #0C0B8E }
```

Background

The CSS property to change the background color of an element to Hex 0C0B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0B8E }
```

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

```
.background{ background-color:#0C0B8E }
```

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