

Converting Colors

Hex(0C0B02)

Have a look what the booklet for
Hex(0C0B02) contains.

Hex(0C0B02)	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(0C0B02)

Conversions

Conversions Part 1

Format	Color
Hex	0C0B02
RGB	12, 11, 2
RGB Percent	5%, 4%, 1%
CMY	0.9529, 0.9569, 0.9922
CMYK	0.00, 0.08, 0.83, 0.95
HSL	54°, 71%, 3%
HSV	54°, 83%, 5%
XYZ	0.2822, 0.3219, 0.1047
YIQ	10.2730, 3.4850, -2.5870

Conversions

Conversions Part 2

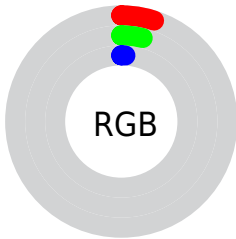
Format	Color
RYB	3, 12, 2
Decimal	789250
CIELab	2.91, -0.97, 3.52
CIELCh	3, 3.647, 105.436
Yxy	0.3219, 0.3982, 0.4541
Android (android.graphics.Color)	4278979330 (0xFF0C0B02)
YUV	10.2730, -4.0786, 1.5146
Hunter-Lab	5.6735, -1.0486, 2.8775

Details

The Hex color **0C0B02** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **02030C**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **373731**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C0B01**, and if you desaturate by 10%, it is **0C0B03**.

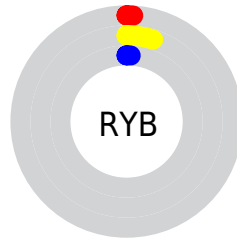
Distribution



Red (5%)

Green (4%)

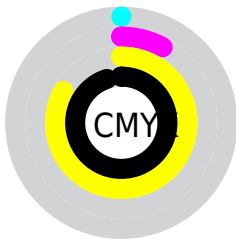
Blue (1%)



Red (1%)

Yellow (5%)

Blue (1%)

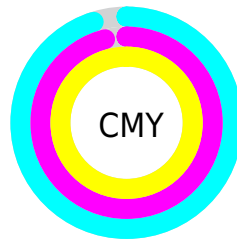


Cyan (0%)

Magenta (8%)

Yellow (83%)

Black (95%)



Cyan (95%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0B02 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 0C0B02 by changing the saturation by 10% instead.

■ 0C0B02

■ 0C0B02

■ ECEBE4

■ 000000

■ 373731

■ 4E4E48

■ 666660

■ 7F7F78

■ 999892

■ B4B3AC

■ CFCFC8

■ 0C0B02

■ 0C0B02

■ 0C0B01

■ 0C0B03

■ 0C0B00

■ 0C0B04

■ 0C0B06

■ 0C0B07

■ 0C0C08

■ 0C0C09

■ 0C0C0A

■ 0C0C0C

■ 0C0C0D

Harmonies

Analogous

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



100A02



0C0B02



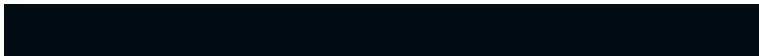
070C04

Triad

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



0C0B02



010D10



11080D

Complementary

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



0C0B02



02030C

Split Complementary

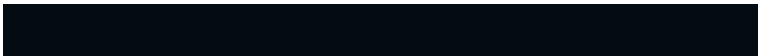
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0E0910



0C0B02



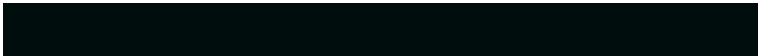
040C11

Square

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



0C0B02



000D0D



090A12



130808

Rectangle

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



0C0B02



040D07



090A12



10080E

Sweetspot

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



0C0B02



0F0F0B



0C0203



080705



878787



080808

Same Dimension

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



0C0B02



0F0E00



080C02



050505



453E00



C4B100

Inverse Universe

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



02030C



00020F



06020C



050505



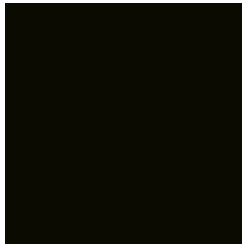
000745



0014C4

Previews

White Background



This preview shows how the Hex color 0C0B02 looks on a white background.

Color Contrast Check

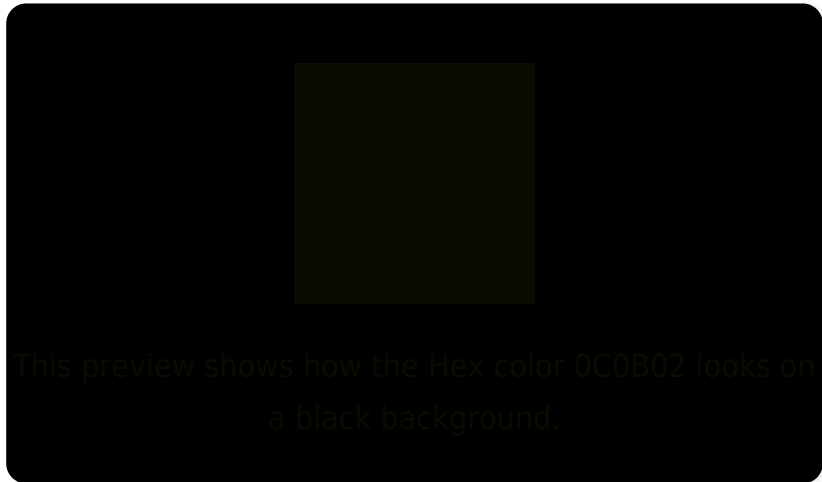
Large Text (above 18pt) WCAG AA ✓ Pass

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

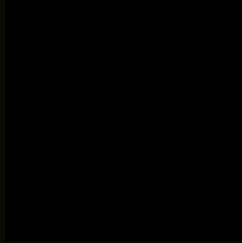
Any Text WCAG AA × Fail

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 0C0B02 Background



This preview shows how black text looks on a background with the Hex color 0C0B02.

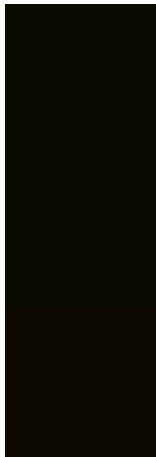


This preview shows how white text looks on a background with the Hex color 0C0B02.

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
0C0B02

Protanopia
0C0B02

Deuteranopia
0E0A02



Tritanopia
0D0A0B

Trichromacy



Original Color

0C0B02

Protanomaly

0C0B02

Deuteranomaly

0D0A02

Tritanomaly

0D0A08

Monochromacy



Original Color

0C0B02

Achromatopsia

0A0A0A

Achromatomaly

0B0A07

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0B02 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 #0C0B02 looks like.

```
.text, #text, p{  
    color:#0C0B02  
}
```

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 #0C0B02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0B02
}
```

Border

The CSS property to change the border of an element to Hex 0C0B02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

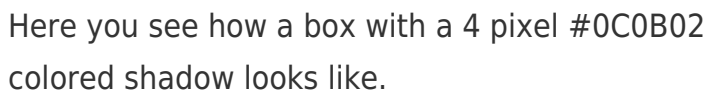
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C0B02 }
```

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

```
.border{ border-color:#0C0B02 }
```

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



Here you see how a box with a 4 pixel #0C0B02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0B02; -webkit-box-shadow:4px 4px  
4px 4px #0C0B02; box-shadow:4px 4px 4px  
4px #0C0B02 }
```

Background

The CSS property to change the background color of an element to Hex 0C0B02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0B02 }
```

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

```
.background{ background-color:#0C0B02 }
```

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