

Converting Colors

Hex(0C1A02)

Have a look what the booklet for
Hex(0C1A02) contains.

Hex(0C1A02)	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(0C1A02)

Conversions

Conversions Part 1

Format	Color
Hex	0C1A02
RGB	12, 26, 2
RGB Percent	5%, 10%, 1%
CMY	0.9529, 0.8980, 0.9922
CMYK	0.54, 0.00, 0.92, 0.90
HSL	95°, 86%, 5%
HSV	95°, 92%, 10%
XYZ	0.5320, 0.8213, 0.1879
YIQ	19.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

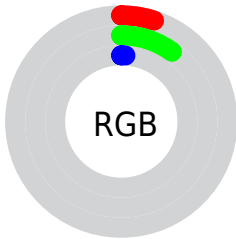
Format	Color
RYB	2, 26, 16
Decimal	793090
CIELab	7.42, -10.19, 10.10
CIElCh	7, 14.348, 135.236
Yxy	0.8213, 0.3452, 0.5329
Android (android.graphics.Color)	4278983170 (0xFF0C1A02)
YUV	19.0780, -8.4195, -6.2074
Hunter-Lab	9.0628, -5.3821, 5.1145

Details

The Hex color **0C1A02** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10021A**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **364531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B1A00**, and if you desaturate by 10%, it is **0E1A05**.

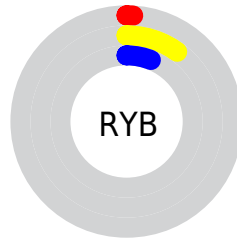
Distribution



Red (5%)

Green (10%)

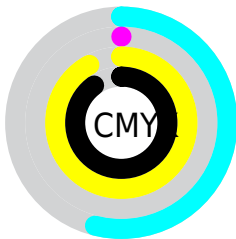
Blue (1%)



Red (1%)

Yellow (10%)

Blue (6%)

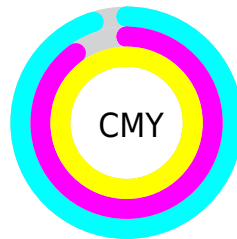


Cyan (54%)

Magenta (0%)

Yellow (92%)

Black (90%)



Cyan (95%)

Magenta (90%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1A02 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 0C1A02 by changing the saturation by 10% instead.

 0C1A02

 0C1A02

 EBFDE4

 000000

 364531

 4D5C48

 66755F

 7F8F78

 99A992

 B3C4AC

 CFE0C8

 0C1A02

 0C1A02

■ 0B1A00

■ 0E1A05

■ 0F1A07

■ 111A0A

■ 121A0C

■ 141A0F

■ 151A12

■ 171A14

■ 181A17

■ 1A1A19

Harmonies

Analogous

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



191700



0C1A02



001C10

Triad

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



0C1A02



001928



280E11

Complementary

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



0C1A02



10021A

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.



250F1B



0C1A02



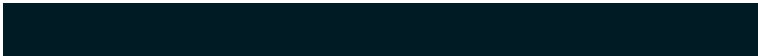
0F1629

Square

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



0C1A02



001B23



1D1224



271103

Rectangle

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



0C1A02



001C18



1D1224



280E15

Sweetspot

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



0C1A02



1C2118



1A1002



0E120C



919191



121212

Same Dimension

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



0C1A02



0E2100



021A04



0C0D0B



204D00



55CC00

Inverse Universe

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



10021A



130021



1A0218



0C0B0D



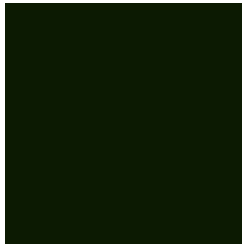
2D004D



7700CC

Previews

White Background



This preview shows how the Hex color 0C1A02 looks on a white background.

Color Contrast Check

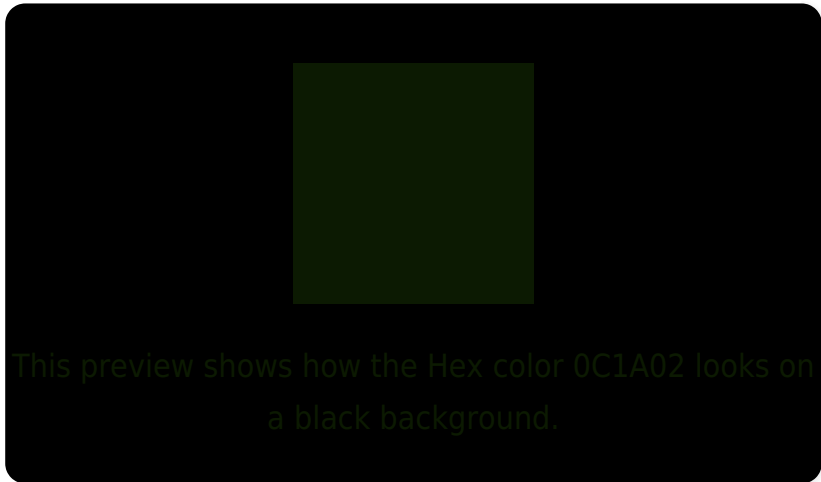
Large Text (above 18pt) WCAG AA ✓ Pass

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

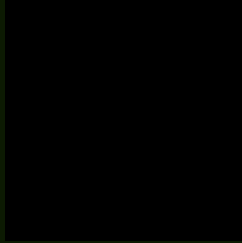
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

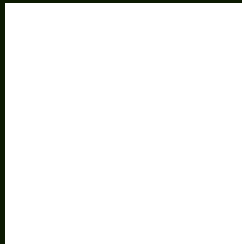
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0C1A02 Background



This preview shows how black text looks on a background with the Hex color 0C1A02.

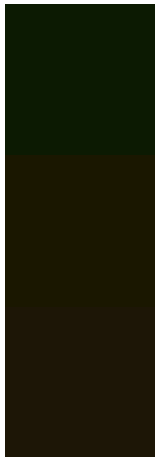


This preview shows how white text looks on a background with the Hex color 0C1A02.

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
0C1A02

Protanopia
1A1700

Deuteranopia
1D1606



Tritanopia
10181A

Trichromacy



Original Color

0C1A02

Protanomaly

151801

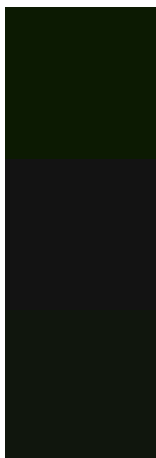
Deuteranomaly

171705

Tritanomaly

0F1911

Monochromacy



Original Color

0C1A02

Achromatopsia

131313

Achromatomaly

10160D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1A02 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 #0C1A02 looks like.

```
.text, #text, p{  
    color:#0C1A02  
}
```

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 #0C1A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1A02
}
```

Border

The CSS property to change the border of an element to Hex 0C1A02 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
#0C1A02 }
```

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

```
.border{ border-color:#0C1A02 }
```

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

Here you see how a box with a 4 pixel #0C1A02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1A02; -webkit-box-shadow:4px 4px  
4px 4px #0C1A02; box-shadow:4px 4px 4px  
4px #0C1A02 }
```

Background

The CSS property to change the background color of an element to Hex 0C1A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1A02 }
```

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

```
.background{ background-color:#0C1A02 }
```

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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