

Converting Colors

Hex(0C2A1A)

Have a look what the booklet for
Hex(0C2A1A) contains.

Hex(0C2A1A)	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(0C2A1A)

Conversions

Conversions Part 1

Format	Color
Hex	0C2A1A
RGB	12, 42, 26
RGB Percent	5%, 16%, 10%
CMY	0.9529, 0.8353, 0.8980
CMYK	0.71, 0.00, 0.38, 0.84
HSL	148°, 56%, 11%
HSV	148°, 71%, 16%
XYZ	1.1660, 1.8087, 1.2649
YIQ	31.2060, -12.7440, -11.3360

Conversions

Conversions Part 2

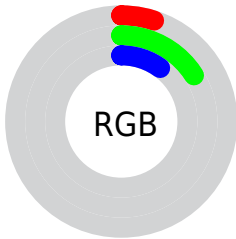
Format	Color
R_{YB}	12, 32, 42
Decimal	797210
CIE Lab	14.45, -15.93, 7.20
CIE LCh	14, 17.482, 155.671
Yxy	1.8087, 0.2750, 0.4266
Android (android.graphics.Color)	4278987290 (0xFF0C2A1A)
YUV	31.2060, -2.5666, -16.8437
Hunter-Lab	13.4487, -8.0588, 3.8375

Details

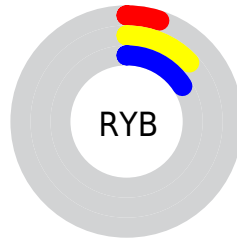
The Hex color **0C2A1A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A0C1C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **395845**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082A18**, and if you desaturate by 10%, it is **102A1C**.

Distribution



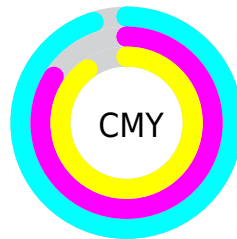
- Red (5%)
- Green (16%)
- Blue (10%)



- Red (5%)
- Yellow (13%)
- Blue (16%)



- Cyan (71%)
- Magenta (0%)
- Yellow (38%)
- Black (84%)



- Cyan (95%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2A1A 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 0C2A1A by changing the saturation by 10% instead.

 0C2A1A

 0C2A1A

 F0FFFD

 001700

 395845

 000000

 50705D

 698A75

 83A48F

 9DBFA9

 B8DBC5

 D4F8E1

 0C2A1A

 0C2A1A

■ 082A18

■ 102A1C

■ 042A16

■ 142A1E

■ 002A14

■ 192A21

■ 1D2A23

■ 212A25

■ 252A27

■ 292A2A

■ 2E2A2C

■ 322A2E

Harmonies

Analogous

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



1D280F



0C2A1A



002B27

Triad

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



0C2A1A



14253D



3A1C17

Complementary

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



0C2A1A



2A0C1C

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.



3B1A23



0C2A1A



292038

Square

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



0C2A1A



00283B



361C2F



34200D

Rectangle

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



0C2A1A



002B2F



361C2F



3B1B1B

Sweetspot

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



0C2A1A



2A3630



1C2A0C



151C18



9C9C9C



1C1C1C

Same Dimension

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



0C2A1A



07361D



0C2A29



121413



005427



00D463

Inverse Universe

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



2A0C1C



360720



2A0C0D



141213



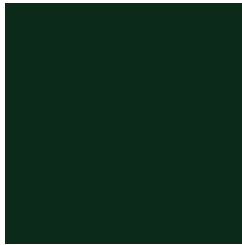
54002D



D40071

Previews

White Background



This preview shows how the Hex color 0C2A1A looks on a white background.

Color Contrast Check

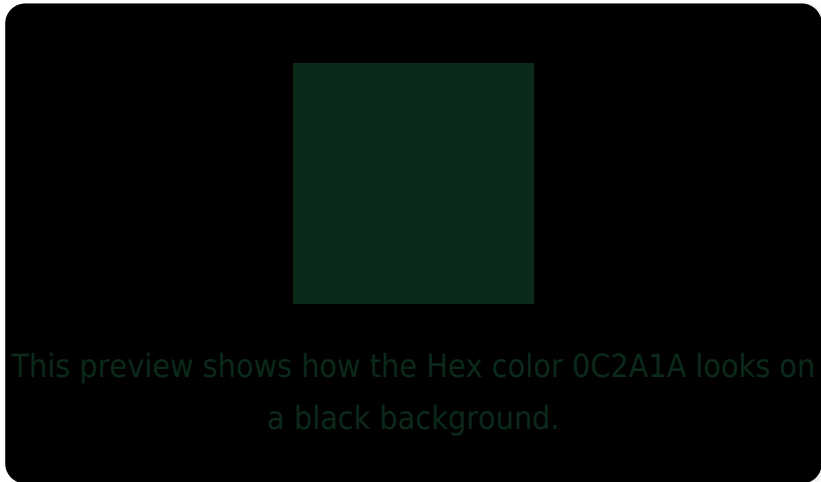
Large Text (above 18pt) WCAG AA ✓ Pass

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

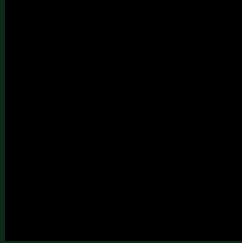
Any Text WCAG AA × Fail

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 0C2A1A Background



This preview shows how black text looks on a background with the Hex color 0C2A1A.



This preview shows how white text looks on a background with the Hex color 0C2A1A.

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
0C2A1A

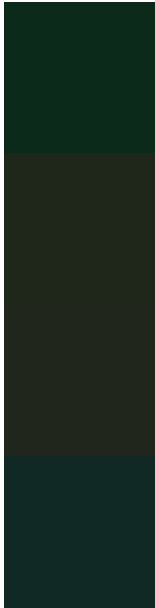
Protanopia
282518

Deuteranopia
2B231C



Tritanopia
13282B

Trichromacy



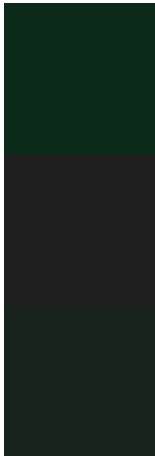
Original Color
0C2A1A

Protanomaly
1E2719

Deuteranomaly
20261B

Tritanomaly
102925

Monochromacy



Original Color
0C2A1A

Achromatopsia
1F1F1F

Achromatomaly
18231D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2A1A 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 #0C2A1A looks like.

```
.text, #text, p{  
    color:#0C2A1A  
}
```

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 #0C2A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2A1A
}
```

Border

The CSS property to change the border of an element to Hex 0C2A1A 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
#0C2A1A }
```

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

```
.border{ border-color:#0C2A1A }
```

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

Here you see how a box with a 4 pixel #0C2A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2A1A; -webkit-box-shadow:4px 4px  
4px 4px #0C2A1A; box-shadow:4px 4px 4px  
4px #0C2A1A }
```

Background

The CSS property to change the background color of an element to Hex 0C2A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2A1A }
```

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

```
.background{ background-color:#0C2A1A }
```

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