

Converting Colors

Hex(0C2E1A)

Have a look what the booklet for
Hex(0C2E1A) contains.

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Color

Hex(0C2E1A)

Conversions

Conversions Part 1

Format	Color
Hex	0C2E1A
RGB	12, 46, 26
RGB Percent	5%, 18%, 10%
CMY	0.9529, 0.8196, 0.8980
CMYK	0.74, 0.00, 0.43, 0.82
HSL	145°, 59%, 11%
HSV	145°, 74%, 18%
XYZ	1.3151, 2.1067, 1.3146
YIQ	33.5540, -13.8440, -13.4280

Conversions

Conversions Part 2

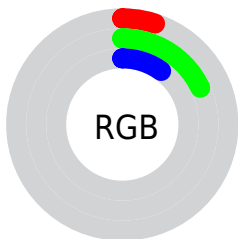
Format	Color
R_{YB}	12, 36, 46
Decimal	798234
CIE _{Lab}	16.04, -18.06, 9.36
CIE _{LCh}	16, 20.338, 152.614
Yxy	2.1067, 0.2777, 0.4448
Android (android.graphics.Color)	4278988314 (0xFF0C2E1A)
YUV	33.5540, -3.7241, -18.9029
Hunter-Lab	14.5146, -9.2279, 4.7902

Details

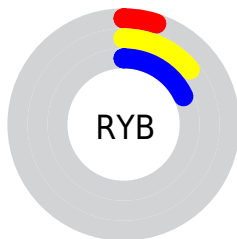
The Hex color **0C2E1A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E0C20**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3A5C45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **072E17**, and if you desaturate by 10%, it is **112E1D**.

Distribution



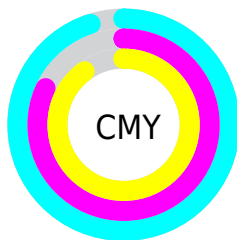
- Red (5%)
- Green (18%)
- Blue (10%)



- Red (5%)
- Yellow (14%)
- Blue (18%)



- Cyan (74%)
- Magenta (0%)
- Yellow (43%)
- Black (82%)



- Cyan (95%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2E1A 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 0C2E1A by changing the saturation by 10% instead.

 0C2E1A

 0C2E1A

 F2FFFE

 001B00

 3A5C45

 000000

 52755D

 6A8F76

 84A98F

 9EC5AA

 BAE1C5

 D5FDE1

 0C2E1A

 0C2E1A

■ 072E17

■ 112E1D

■ 032E15

■ 152E1F

■ 002E13

■ 1A2E22

■ 1E2E25

■ 232E28

■ 282E2A

■ 2C2E2D

■ 312E30

■ 352E32

Harmonies

Analogous

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



202C0E



0C2E1A



002F29

Triad

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



0C2E1A



0E2945



421D19

Complementary

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



0C2E1A



2E0C20

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.



421B27



0C2E1A



2A2440

Square

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



0C2E1A



002D41



3B1E35



3B220D

Rectangle

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



0C2E1A



002F32



3B1E35



431C1E

Sweetspot

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



0C2E1A



2E3B33



202E0C



171F1A



9E9E9E



1F1F1F

Same Dimension

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



0C2E1A



063B1C



0C2E2B



151716



005724



00D658

Inverse Universe

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



2E0C20



3B0625



2E0C0F



171516



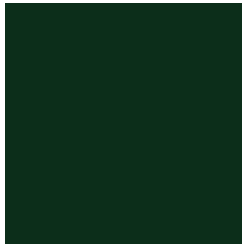
570033



D6007E

Previews

White Background



This preview shows how the Hex color 0C2E1A looks on a white background.

Color Contrast Check

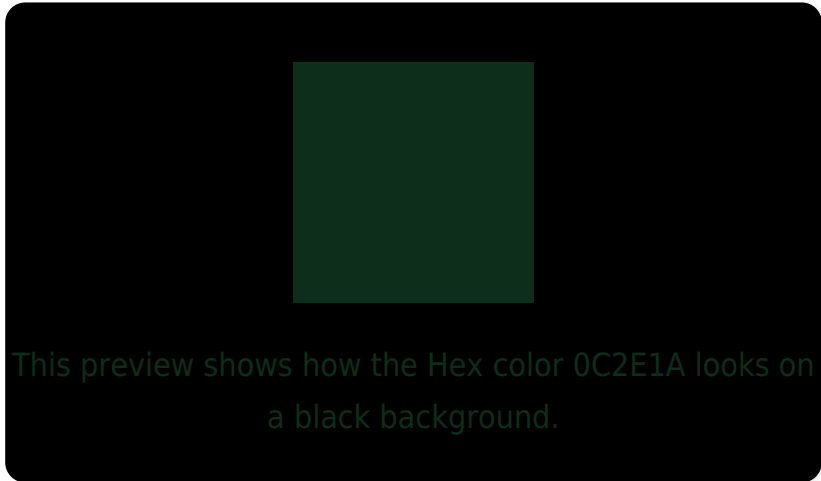
Large Text (above 18pt) WCAG AA ✓ Pass

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

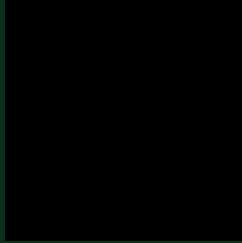
Any Text WCAG AA × Fail

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 0C2E1A Background



This preview shows how black text looks on a background with the Hex color 0C2E1A.



This preview shows how white text looks on a background with the Hex color 0C2E1A.

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
0C2E1A

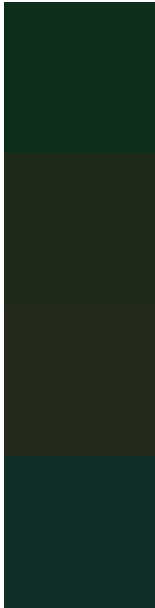
Protanopia
2C2818

Deuteranopia
30261C



Tritanopia
142C2F

Trichromacy



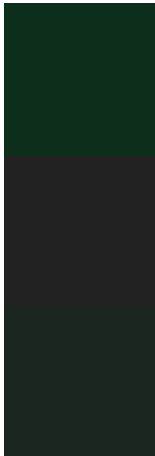
Original Color
0C2E1A

Protanomaly
202A19

Deuteranomaly
23291B

Tritanomaly
112D27

Monochromacy



Original Color
0C2E1A

Achromatopsia
222222

Achromatomaly
1A261F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2E1A 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 #0C2E1A looks like.

```
.text, #text, p{  
    color:#0C2E1A  
}
```

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 #0C2E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2E1A
}
```

Border

The CSS property to change the border of an element to Hex 0C2E1A 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
#0C2E1A }
```

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

```
.border{ border-color:#0C2E1A }
```

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

Here you see how a box with a 4 pixel #0C2E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2E1A; -webkit-box-shadow:4px 4px  
4px 4px #0C2E1A; box-shadow:4px 4px 4px  
4px #0C2E1A }
```

Background

The CSS property to change the background color of an element to Hex 0C2E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2E1A }
```

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

```
.background{ background-color:#0C2E1A }
```

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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