

Converting Colors

Hex(0D2C1B)

Have a look what the booklet for
Hex(0D2C1B) contains.

Hex(0D2C1B)	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(0D2C1B)

Conversions

Conversions Part 1

Format	Color
Hex	0D2C1B
RGB	13, 44, 27
RGB Percent	5%, 17%, 11%
CMY	0.9490, 0.8275, 0.8941
CMYK	0.70, 0.00, 0.39, 0.83
HSL	147°, 54%, 11%
HSV	147°, 70%, 17%
XYZ	1.2645, 1.9661, 1.3498
YIQ	32.7930, -13.0190, -11.8590

Conversions

Conversions Part 2

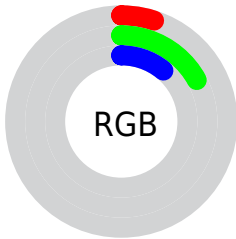
Format	Color
RYB	13, 34, 44
Decimal	863259
CIELab	15.31, -16.47, 7.69
CIELCh	15, 18.181, 154.969
Yxy	1.9661, 0.2761, 0.4292
Android (android.graphics.Color)	4279053339 (0xFF0D2C1B)
YUV	32.7930, -2.8559, -17.3585
Hunter-Lab	14.0216, -8.4405, 4.1078

Details

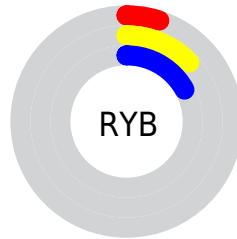
The Hex color **0D2C1B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2C0D1E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **3A5A46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092C19**, and if you desaturate by 10%, it is **112C1D**.

Distribution



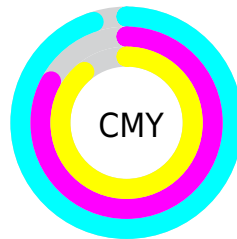
- Red (5%)
- Green (17%)
- Blue (11%)



- Red (5%)
- Yellow (13%)
- Blue (17%)



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)
- Black (83%)



- Cyan (95%)
- Magenta (83%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2C1B 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 0D2C1B by changing the saturation by 10% instead.

0D2C1B

0D2C1B

F2FFFF

001900

3A5A46

000000

52735E

6A8C77

84A790

9EC2AB

BADEC6

D5FAE2

0D2C1B

0D2C1B

■ 092C19

■ 112C1D

■ 042C16

■ 162C20

■ 002C14

■ 1A2C22

■ 1F2C25

■ 232C27

■ 272C29

■ 2C2C2C

■ 302C2E

■ 352C31

Harmonies

Analogous

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



1F2A10



0D2C1B



002D28

Triad

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



0D2C1B



142740



3D1D18

Complementary

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



0D2C1B



2C0D1E

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.



3E1B25



0D2C1B



2A223B

Square

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



0D2C1B



002B3D



381D31



37220E

Rectangle

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



0D2C1B



002D31



381D31



3E1C1C

Sweetspot

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



0D2C1B



2C3832



1E2C0D



151C18



9C9C9C



1C1C1C

Same Dimension

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



0D2C1B



08381E



0D2C2A



151716



005727



00D661

Inverse Universe

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



2C0D1E



380823



2C0D0F



171516



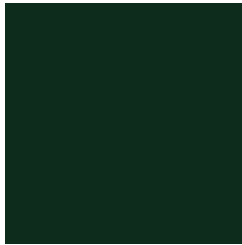
570030



D60075

Previews

White Background



This preview shows how the Hex color 0D2C1B looks on a white background.

Color Contrast Check

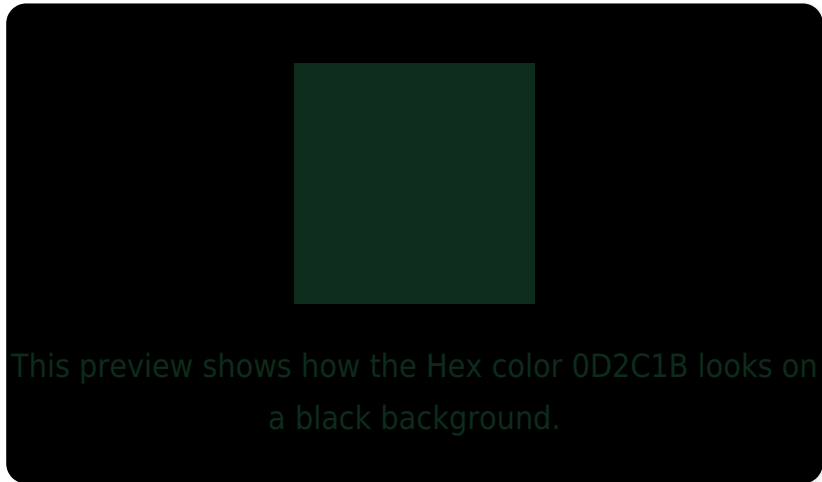
Large Text (above 18pt) WCAG AA ✓ Pass

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

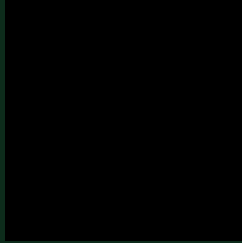
Any Text WCAG AA × Fail

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 0D2C1B Background



This preview shows how black text looks on a background with the Hex color 0D2C1B.



This preview shows how white text looks on a background with the Hex color 0D2C1B.

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
0D2C1B

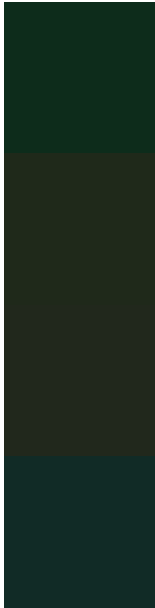
Protanopia
2A2719

Deuteranopia
2D251D



Tritanopia
142A2D

Trichromacy



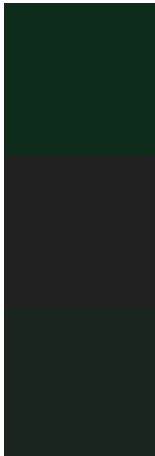
Original Color
0D2C1B

Protanomaly
1F291A

Deuteranomaly
21281C

Tritanomaly
112B26

Monochromacy



Original Color
0D2C1B

Achromatopsia
212121

Achromatomaly
1A251F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2C1B 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 #0D2C1B looks like.

```
.text, #text, p{  
    color:#0D2C1B  
}
```

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 #0D2C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2C1B
}
```

Border

The CSS property to change the border of an element to Hex 0D2C1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

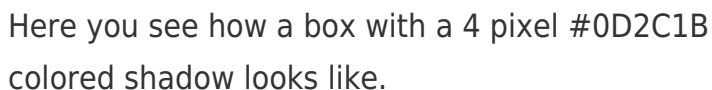
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D2C1B }
```

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

```
.border{ border-color:#0D2C1B }
```

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



Here you see how a box with a 4 pixel #0D2C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2C1B; -webkit-box-shadow:4px 4px  
4px 4px #0D2C1B; box-shadow:4px 4px 4px  
4px #0D2C1B }
```

Background

The CSS property to change the background color of an element to Hex 0D2C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2C1B }
```

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

```
.background{ background-color:#0D2C1B }
```

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