

# Converting Colors

Hex(0D4C2E)

Have a look what the booklet for  
Hex(0D4C2E) contains.

<b>Hex(0D4C2E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0D4C2E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D4C2E
RGB	13, 76, 46
RGB Percent	5%, 30%, 18%
CMY	0.9490, 0.7020, 0.8196
CMYK	0.83, 0.00, 0.39, 0.70
HSL	151°, 71%, 17%
HSV	151°, 83%, 30%
XYZ	3.2436, 5.4517, 3.4661
YIQ	53.7430, -27.9180, -22.6860

# Conversions

## Conversions Part 2

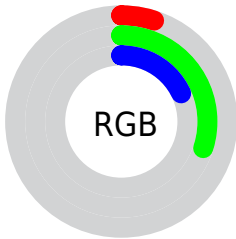
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 54, 76
Decimal	871470
CIELab	27.98, -27.41, 12.45
CIELCh	28, 30.104, 155.571
Yxy	5.4517, 0.2667, 0.4483
Android (android.graphics.Color)	4279061550 (0xFF0D4C2E)
YUV	53.7430, -3.8173, -35.7316
Hunter-Lab	23.3489, -16.0638, 7.5427

# Details

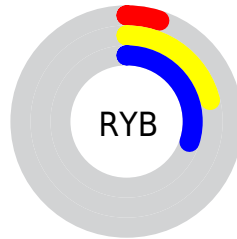
The Hex color **0D4C2E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C0D2B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **437E5C**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **054C2A**, and if you desaturate by 10%, it is **154C32**.

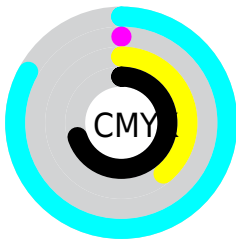
# Distribution



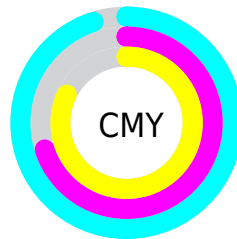
- Red (5%)
- Green (30%)
- Blue (18%)



- Red (5%)
- Yellow (21%)
- Blue (30%)



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



- Cyan (95%)
- Magenta (70%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D4C2E 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 0D4C2E by changing the saturation by 10% instead.



 0D4C2E

 0D4C2E

FFFFFF

 003519

 437E5C

 002100

 5C9875

 000000

 76B38E

 91CEA9

 ACEBC4

 C8FFE0

 E5FFFD

 0D4C2E

 0D4C2E

■ 054C2A

■ 154C32

■ 004C28

■ 1C4C35

■ 244C39

■ 2B4C3C

■ 334C40

■ 3B4C44

■ 424C47

■ 4A4C4B

■ 514C4F

# Harmonies

## Analogous

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



33481A



0D4C2E



004D46

# Triad

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



0D4C2E



1C4370



6A3128

# Complementary

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



0D4C2E



4C0D2B

# 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.



6C2D3F



0D4C2E



493A68

# Square

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



0D4C2E



00496C



623156



5E3A17

# Rectangle

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



0D4C2E



004D55



623156



6C2F2F



# Sweetspot

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



0D4C2E



4B6358



2B4C0D



24332C



B3B3B3



333333



# Same Dimension

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



0D4C2E



016335



0D4B4C



222624



006635



00E678



# Inverse Universe

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



4C0D2B



630130



4C0E0D



262224



660031

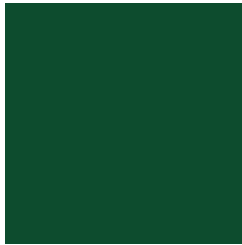


E6006D



# Previews

## White Background



This preview shows how the Hex color 0D4C2E looks on a white background.

## Color Contrast Check

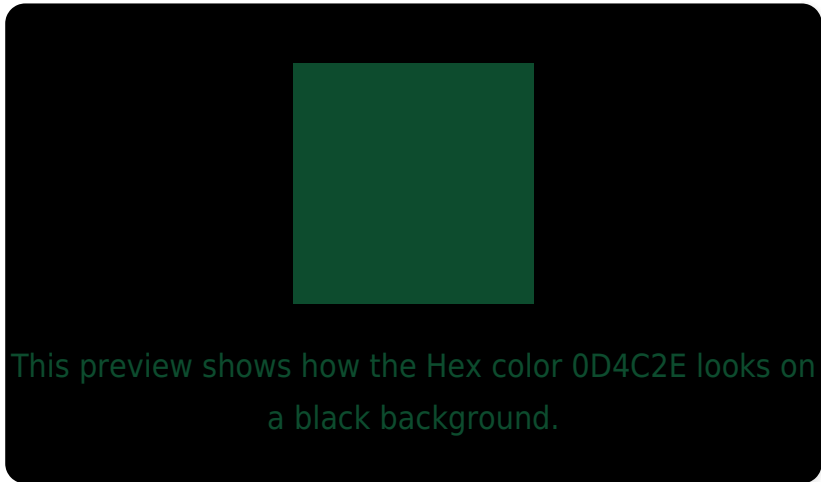
Large Text (above 18pt) WCAG AA ✓ Pass

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

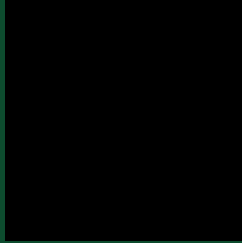
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D4C2E Background



This preview shows how black text looks on a background with the Hex color 0D4C2E.



This preview shows how white text looks on a background with the Hex color 0D4C2E.

# 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**  
0D4C2E

**Protanopia**  
48422A

**Deuteranopia**  
4E3F31



**Tritanopia**  
1E484E

# Trichromacy



**Original Color**  
0D4C2E

**Protanomaly**  
33462B

**Deuteranomaly**  
364430

**Tritanomaly**  
184942

# Monochromacy



**Original Color**  
0D4C2E

**Achromatopsia**  
363636

**Achromatomaly**  
273E33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D4C2E 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 #0D4C2E looks like.

```
.text, #text, p{  
    color:#0D4C2E  
}
```

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 #0D4C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4C2E
}
```

## Border

The CSS property to change the border of an element to Hex 0D4C2E 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
#0D4C2E }
```

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

```
.border{ border-color:#0D4C2E }
```

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

Here you see how a box with a 4 pixel #0D4C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4C2E; -webkit-box-shadow:4px 4px  
4px 4px #0D4C2E; box-shadow:4px 4px 4px  
4px #0D4C2E }
```

# Background

The CSS property to change the background color of an element to Hex 0D4C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4C2E }
```

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

```
.background{ background-color:#0D4C2E }
```

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