

# Converting Colors

Hex(0D421C)

Have a look what the booklet for  
Hex(0D421C) contains.

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# Color

**Hex(0D421C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D421C
RGB	13, 66, 28
RGB Percent	5%, 26%, 11%
CMY	0.9490, 0.7412, 0.8902
CMYK	0.80, 0.00, 0.58, 0.74
HSL	137°, 67%, 15%
HSV	137°, 80%, 26%
XYZ	2.3238, 4.0658, 1.7609
YIQ	45.8210, -19.3900, -23.0540

# Conversions

## Conversions Part 2

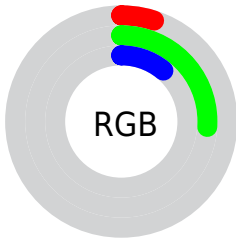
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	13, 54, 66
Decimal	868892
CIE Lab	23.89, -26.81, 18.19
CIE LCh	24, 32.403, 145.839
Yxy	4.0658, 0.2851, 0.4988
Android (android.graphics.Color)	4279058972 (0xFF0D421C)
YUV	45.8210, -8.7858, -28.7840
Hunter-Lab	20.1639, -14.7156, 8.9369

# Details

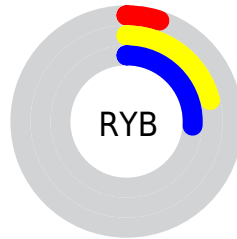
The Hex color **0D421C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **420D33**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **407348**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **064217**, and if you desaturate by 10%, it is **144221**.

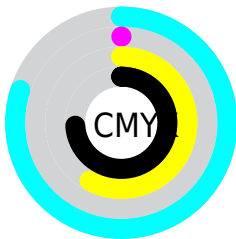
# Distribution



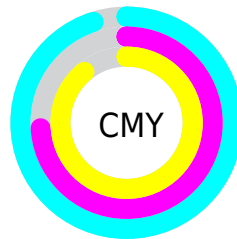
- Red (5%)
- Green (26%)
- Blue (11%)



- Red (5%)
- Yellow (21%)
- Blue (26%)



- Cyan (80%)
- Magenta (0%)
- Yellow (58%)
- Black (74%)



- Cyan (95%)
- Magenta (74%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D421C 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 0D421C by changing the saturation by 10% instead.



 0D421C

 0D421C

 FFFFFFFF

 002B04

 407348

 001600

 598C60

 000000

 73A779

 8DC293

 A8DEAE

 C4FBC9

 E0FFE6

 0D421C

 0D421C

■ 064217

■ 144221

■ 004213

■ 1A4225

■ 21422A

■ 27422F

■ 2E4234

■ 354238

■ 3B423D

■ 424242

■ 484247

# Harmonies

## Analogous

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



313E07



0D421C



004435

# Triad

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



0D421C



003D69



642425

# Complementary

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



0D421C



420D33

# 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.



62213D



0D421C



323465

# Square

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



0D421C



004261



532954



5A2D10

# Rectangle

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



0D421C



004445



532954



65222D



# Sweetspot

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



0D421C



425748



34420D



1F2B22



ABABAB



2B2B2B



# Same Dimension

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



0D421C



03571B



0D4236



1E211F



00611B



00E040



# Inverse Universe

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



420D33



57033F



420D19



211E20



610045

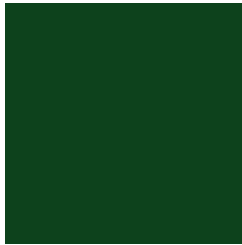


E000A1



# Previews

## White Background



This preview shows how the Hex color 0D421C looks on a white background.

## Color Contrast Check

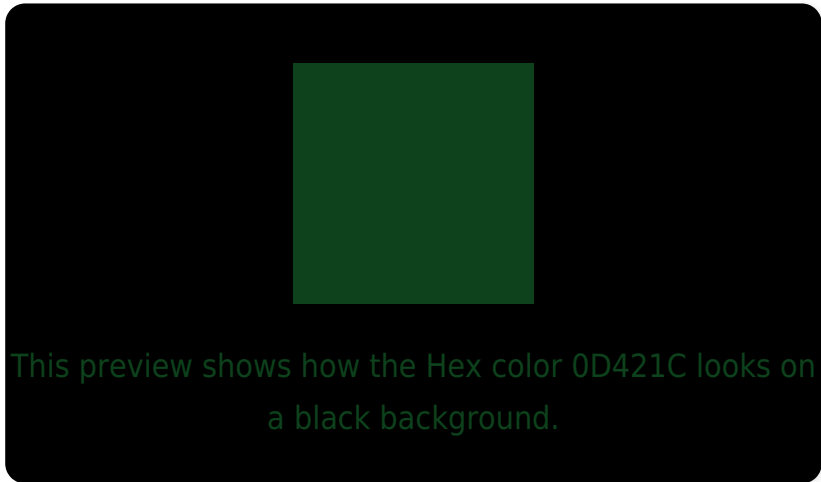
Large Text (above 18pt) WCAG AA ✓ Pass

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

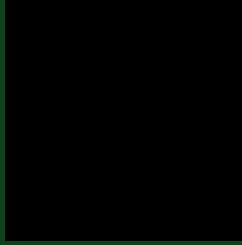
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D421C Background



This preview shows how black text looks on a background with the Hex color 0D421C.



This preview shows how white text looks on a background with the Hex color 0D421C.

# 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**  
0D421C

**Protanopia**  
3F3919

**Deuteranopia**  
46361F



**Tritanopia**  
1C3E43

# Trichromacy



**Original Color**  
0D421C

**Protanomaly**  
2D3C1A

**Deuteranomaly**  
313A1E

**Tritanomaly**  
173F35

# Monochromacy



**Original Color**  
0D421C

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
223527

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D421C 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 #0D421C looks like.

```
.text, #text, p{  
    color:#0D421C  
}
```

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 #0D421C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D421C
}
```

## Border

The CSS property to change the border of an element to Hex 0D421C 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".

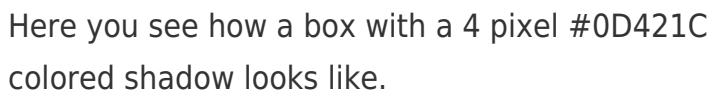
```
.border, #border, table{ border:4px solid
#0D421C }
```

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

```
.border{ border-color:#0D421C }
```

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

Here you see how a box with a 4 pixel #0D421C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D421C; -webkit-box-shadow:4px 4px  
4px 4px #0D421C; box-shadow:4px 4px 4px  
4px #0D421C }
```

# Background

The CSS property to change the background color of an element to Hex 0D421C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D421C }
```

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

```
.background{ background-color:#0D421C }
```

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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