

Converting Colors

Hex(0C421A)

Have a look what the booklet for
Hex(0C421A) contains.

Hex(0C421A)	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(0C421A)

Conversions

Conversions Part 1

Format	Color
Hex	0C421A
RGB	12, 66, 26
RGB Percent	5%, 26%, 10%
CMY	0.9529, 0.7412, 0.8980
CMYK	0.82, 0.00, 0.61, 0.74
HSL	136°, 69%, 15%
HSV	136°, 82%, 26%
XYZ	2.2863, 4.0492, 1.6384
YIQ	45.2940, -19.3440, -23.8880

Conversions

Conversions Part 2

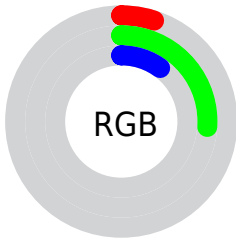
Format	Color
RYB	12, 55, 66
Decimal	803354
CIELab	23.83, -27.36, 19.30
CIElCh	24, 33.485, 144.799
Yxy	4.0492, 0.2867, 0.5078
Android (android.graphics.Color)	4278993434 (0xFF0C421A)
YUV	45.2940, -9.5119, -29.1988
Hunter-Lab	20.1226, -14.9336, 9.2585

Details

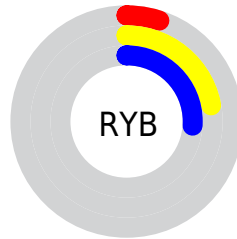
The Hex color **0C421A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **420C34**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **407346**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **054215**, and if you desaturate by 10%, it is **13421F**.

Distribution



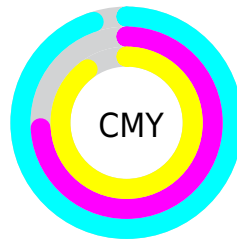
- Red (5%)
- Green (26%)
- Blue (10%)



- Red (5%)
- Yellow (22%)
- Blue (26%)



- Cyan (82%)
- Magenta (0%)
- Yellow (61%)
- Black (74%)



- Cyan (95%)
- Magenta (74%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C421A 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 0C421A by changing the saturation by 10% instead.

 0C421A

 0C421A

 FDFFFF

 002B01

 407346

 001600

 598C5E

 000000

 72A777

 8DC291

 A8DEAC

 C3FBC7

 E0FFE3

 0C421A

 0C421A

■ 054215

■ 13421F

■ 004211

■ 194224

■ 204229

■ 26422E

■ 2D4232

■ 344237

■ 3A423C

■ 414241

■ 474246

Harmonies

Analogous

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



313D04



0C421A



004433

Triad

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



0C421A



003D6B



652225

Complementary

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



0C421A



420C34

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.



63203E



0C421A



303467

Square

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



0C421A



004261



532856



5B2C0F

Rectangle

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



0C421A



004445



532856



66202D

Sweetspot

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



0C421A



415747



35420C



1E2B22



ABABAB



2B2B2B

Same Dimension

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



0C421A



025718



0C4235



1E211F



006119



00E03A

Inverse Universe

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



420C34



570241



420C1A



211E20



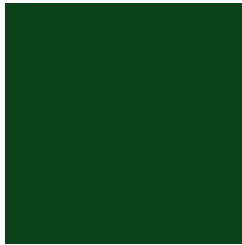
610048



E000A6

Previews

White Background



This preview shows how the Hex color 0C421A looks on a white background.

Color Contrast Check

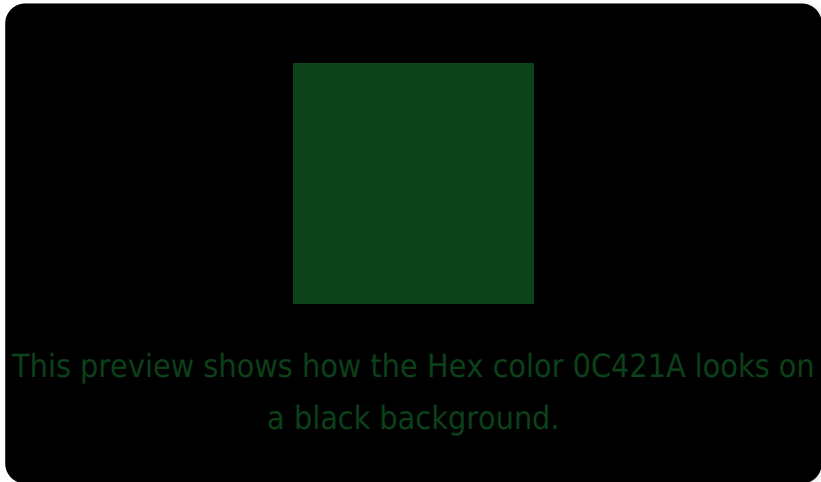
Large Text (above 18pt) WCAG AA ✓ Pass

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

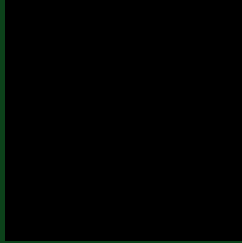
Any Text WCAG AA × Fail

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 0C421A Background



This preview shows how black text looks on a background with the Hex color 0C421A.



This preview shows how white text looks on a background with the Hex color 0C421A.

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
0C421A

Protanopia
3F3917

Deuteranopia
46361D



Tritanopia
1C3E43

Trichromacy



Original Color
0C421A

Protanomaly
2C3C18

Deuteranomaly
313A1C

Tritanomaly
163F34

Monochromacy



Original Color
0C421A

Achromatopsia
2D2D2D

Achromatomaly
213526

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C421A 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 #0C421A looks like.

```
.text, #text, p{  
    color:#0C421A  
}
```

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 #0C421A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C421A
}
```

Border

The CSS property to change the border of an element to Hex 0C421A 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".

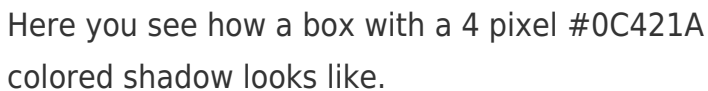
```
.border, #border, table{ border:4px solid
#0C421A }
```

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

```
.border{ border-color:#0C421A }
```

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

Here you see how a box with a 4 pixel #0C421A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C421A; -webkit-box-shadow:4px 4px  
4px 4px #0C421A; box-shadow:4px 4px 4px  
4px #0C421A }
```

Background

The CSS property to change the background color of an element to Hex 0C421A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C421A }
```

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

```
.background{ background-color:#0C421A }
```

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