

Converting Colors

Hex(0C422F)

Have a look what the booklet for
Hex(0C422F) contains.

Hex(0C422F)	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(0C422F)

Conversions

Conversions Part 1

Format	Color
Hex	0C422F
RGB	12, 66, 47
RGB Percent	5%, 26%, 18%
CMY	0.9529, 0.7412, 0.8157
CMYK	0.82, 0.00, 0.29, 0.74
HSL	159°, 69%, 15%
HSV	159°, 82%, 26%
XYZ	2.6129, 4.1798, 3.3584
YIQ	47.6880, -26.0850, -17.3570

Conversions

Conversions Part 2

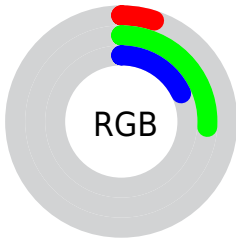
Format	Color
R_{YB}	12, 45, 66
Decimal	803375
CIE Lab	24.26, -22.62, 6.69
CIE LCh	24, 23.587, 163.531
Yxy	4.1798, 0.2574, 0.4118
Android (android.graphics.Color)	4278993455 (0xFF0C422F)
YUV	47.6880, -0.3392, -31.2984
Hunter-Lab	20.4446, -12.9649, 4.5718

Details

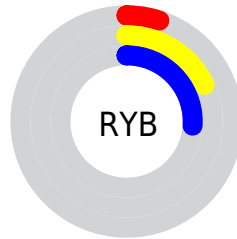
The Hex color **0C422F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420C1F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **40735D**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **05422D**, and if you desaturate by 10%, it is **134231**.

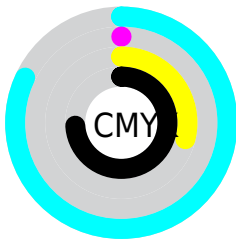
Distribution



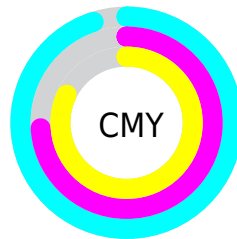
- Red (5%)
- Green (26%)
- Blue (18%)



- Red (5%)
- Yellow (18%)
- Blue (26%)



- Cyan (82%)
- Magenta (0%)
- Yellow (29%)
- Black (74%)



- Cyan (95%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C422F 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 0C422F by changing the saturation by 10% instead.



0C422F



0C422F



FCFFFF



002B1A



40735D



001800



598C76



000000



72A78F



8CC2AA



A7DEC5



C3FBE1



DFFFFD



0C422F



0C422F

■ 05422D

■ 134231

■ 00422B

■ 194234

■ 204236

■ 264238

■ 2D423B

■ 34423D

■ 3A423F

■ 414242

■ 474244

Harmonies

Analogous

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



29401F



0C422F



004341

Triad

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



0C422F



2B395C



572F22

Complementary

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



0C422F



420C1F

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.



5B2B32



0C422F



453253

Square

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



0C422F



003E5B



552C44



4C3517

Rectangle

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



0C422F



00424D



552C44



5A2D27

Sweetspot

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



0C422F



41574F



20420C



1E2B27



ABABAB



2B2B2B

Same Dimension

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



0C422F



025739



0C3B42



1E2120



00613F



00E091

Inverse Universe

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



420C1F



570220



42130C



211E1F



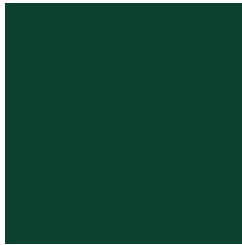
610022



E0004F

Previews

White Background



This preview shows how the Hex color 0C422F 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

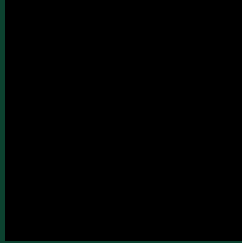
Any Text WCAG AA × Fail

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 0C422F Background



This preview shows how black text looks on a background with the Hex color 0C422F.



This preview shows how white text looks on a background with the Hex color 0C422F.

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
0C422F

Protanopia
3E3A2B

Deuteranopia
423831



Tritanopia
183F44

Trichromacy



Original Color
0C422F

Protanomaly
2C3D2C

Deuteranomaly
2E3C30

Tritanomaly
14403C

Monochromacy



Original Color
0C422F

Achromatopsia
303030

Achromatomaly
233730

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C422F 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 #0C422F looks like.

```
.text, #text, p{  
    color:#0C422F  
}
```

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 #0C422F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C422F  
}
```

Border

The CSS property to change the border of an element to Hex 0C422F 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  
#0C422F }
```

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

```
.border{ border-color:#0C422F }
```

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

Here you see how a box with a 4 pixel #0C422F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C422F; -webkit-box-shadow:4px 4px  
4px 4px #0C422F; box-shadow:4px 4px 4px  
4px #0C422F }
```

Background

The CSS property to change the background color of an element to Hex 0C422F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C422F }
```

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

```
.background{ background-color:#0C422F }
```

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