

Converting Colors

Hex(0C442C)

Have a look what the booklet for
Hex(0C442C) contains.

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Color

Hex(0C442C)

Conversions

Conversions Part 1

Format	Color
Hex	0C442C
RGB	12, 68, 44
RGB Percent	5%, 27%, 17%
CMY	0.9529, 0.7333, 0.8275
CMYK	0.82, 0.00, 0.35, 0.73
HSL	154°, 70%, 16%
HSV	154°, 82%, 27%
XYZ	2.6734, 4.3943, 3.0901
YIQ	48.5200, -25.6720, -19.3360

Conversions

Conversions Part 2

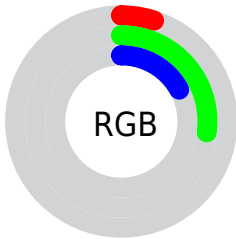
Format	Color
R_{YB}	12, 48, 68
Decimal	803884
CIE _{Lab}	24.93, -24.38, 9.57
CIE _{LCh}	25, 26.193, 158.569
Yxy	4.3943, 0.2632, 0.4326
Android (android.graphics.Color)	4278993964 (0xFF0C442C)
YUV	48.5200, -2.2284, -32.0280
Hunter-Lab	20.9625, -13.9201, 5.9336

Details

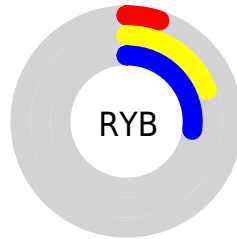
The Hex color **0C442C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **440C24**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **40755A**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **054429**, and if you desaturate by 10%, it is **13442F**.

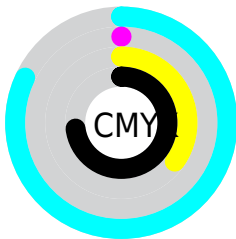
Distribution



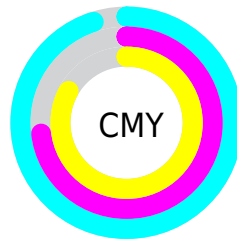
- Red (5%)
- Green (27%)
- Blue (17%)



- Red (5%)
- Yellow (19%)
- Blue (27%)



- Cyan (82%)
- Magenta (0%)
- Yellow (35%)
- Black (73%)



- Cyan (95%)
- Magenta (73%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C442C 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 0C442C by changing the saturation by 10% instead.

 0C442C

 0C442C

 FDFFFF

 002D17

 40755A

 001A00

 598F72

 000000

 73A98C

 8DC5A6

 A8E1C1

 C4FDDD

 E0FFFA

 0C442C

 0C442C

■ 054429

■ 13442F

■ 004427

■ 1A4432

■ 204435

■ 274438

■ 2E443B

■ 35443D

■ 3C4440

■ 424443

■ 494446

Harmonies

Analogous

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



2C411B



0C442C



004540

Triad

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



0C442C



223B62



5D2E24

Complementary

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



0C442C



440C24

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.



602A36



0C442C



44345A

Square

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



0C442C



004160



582C4A



523516

Rectangle

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



0C442C



00454D



582C4A



5F2C29

Sweetspot

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



0C442C



435950



24440C



202E28



ADADAD



2E2E2E

Same Dimension

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



0C442C



015933



0C4044



1E2120



006137



00E080

Inverse Universe

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



440C24



590127



44100C



211E1F



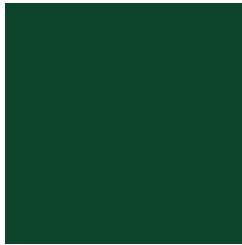
61002A



E00060

Previews

White Background



This preview shows how the Hex color 0C442C looks on a white background.

Color Contrast Check

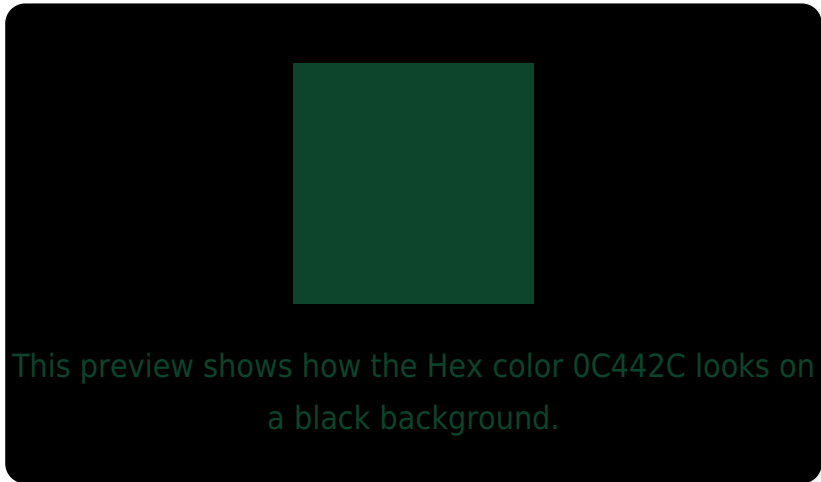
Large Text (above 18pt) WCAG AA ✓ Pass

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

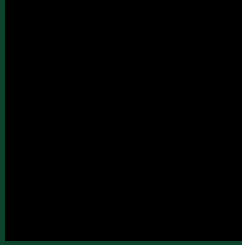
Any Text WCAG AA × Fail

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 0C442C Background



This preview shows how black text looks on a background with the Hex color 0C442C.



This preview shows how white text looks on a background with the Hex color 0C442C.

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
0C442C

Protanopia
403B28

Deuteranopia
45392F



Tritanopia
1A4146

Trichromacy



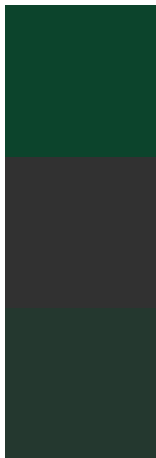
Original Color
0C442C

Protanomaly
2D3E29

Deuteranomaly
303D2E

Tritanomaly
15423D

Monochromacy



Original Color
0C442C

Achromatopsia
313131

Achromatomaly
24382F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C442C 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 #0C442C looks like.

```
.text, #text, p{  
    color:#0C442C  
}
```

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 #0C442C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C442C
}
```

Border

The CSS property to change the border of an element to Hex 0C442C 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".

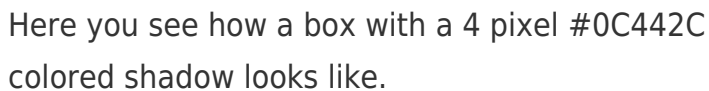
```
.border, #border, table{ border:4px solid
#0C442C }
```

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

```
.border{ border-color:#0C442C }
```

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

Here you see how a box with a 4 pixel #0C442C colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C442C; -webkit-box-shadow:4px 4px  
4px 4px #0C442C; box-shadow:4px 4px 4px  
4px #0C442C }
```

Background

The CSS property to change the background color of an element to Hex 0C442C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C442C }
```

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

```
.background{ background-color:#0C442C }
```

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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