

Converting Colors

Hex(0C8423)

Have a look what the booklet for
Hex(0C8423) contains.

Hex(0C8423)	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(0C8423)

Conversions

Conversions Part 1

Format	Color
Hex	0C8423
RGB	12, 132, 35
RGB Percent	5%, 52%, 14%
CMY	0.9529, 0.4824, 0.8627
CMYK	0.91, 0.00, 0.73, 0.48
HSL	132°, 83%, 28%
HSV	132°, 91%, 52%
XYZ	8.7063, 16.7020, 4.3551
YIQ	85.0620, -40.3830, -55.6070

Conversions

Conversions Part 2

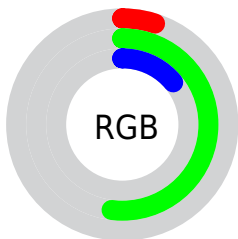
Format	Color
RYB	12, 113, 132
Decimal	820259
CIELab	47.88, -49.97, 41.74
CIElCh	48, 65.109, 140.122
Yxy	16.7020, 0.2925, 0.5612
Android (android.graphics.Color)	4279010339 (0xFF0C8423)
YUV	85.0620, -24.6806, -64.0754
Hunter-Lab	40.8681, -33.4929, 22.2895

Details

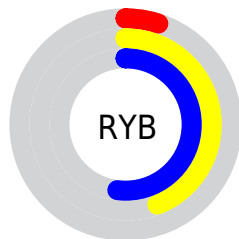
The Hex color **0C8423** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **840C6D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **55BA56**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **008419**, and if you desaturate by 10%, it is **19842E**.

Distribution



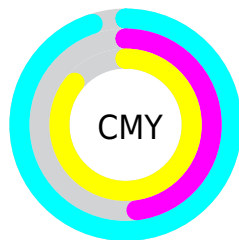
- Red (5%)
- Green (52%)
- Blue (14%)



- Red (5%)
- Yellow (44%)
- Blue (52%)



- Cyan (91%)
- Magenta (0%)
- Yellow (73%)
- Black (48%)



- Cyan (95%)
- Magenta (48%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C8423 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 0C8423 by changing the saturation by 10% instead.



0C8423



0C8423

FFFFFF



006A05



55BA56



005100



72D66F



003900



8EF38A



002200



ABFFA5



000000



C8FFC0



E5FFDD



FFFFFFA



0C8423



0C8423

■ 008419

■ 19842E

■ 268438

■ 348443

■ 41844E

■ 4E8458

■ 5B8463

■ 68846E

■ 768478

■ 838483

Harmonies

Analogous

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



667A00



0C8423



00895D

Triad

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



0C8423



007EDF



D13650

Complementary

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



0C8423



840C6D

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.



C93586



0C8423



416BDA

Square

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



0C8423



0087C6



A050B9



BE501B

Rectangle

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



0C8423



008A83



A050B9



D23161

Sweetspot

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



0C8423



7DAB86



6E840C



3B5740



D6D6D6



575757

Same Dimension

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



0C8423



00AB21



0C845E



3C423D



008219



000300

Inverse Universe

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



840C6D



AB008A



840C32



423C41



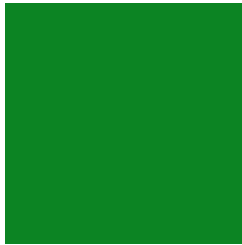
820069



030002

Previews

White Background



This preview shows how the Hex color 0C8423 looks on a white background.

Color Contrast Check

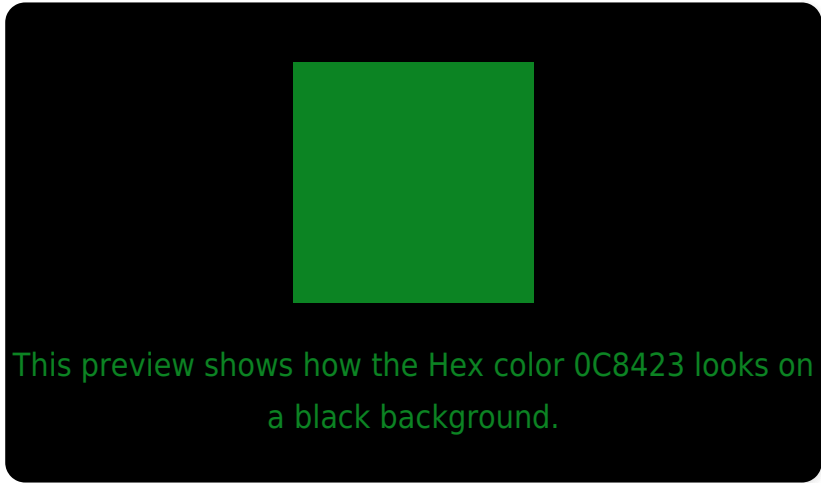
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

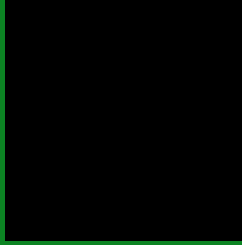
Any Text WCAG AA × Fail

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 0C8423 Background



This preview shows how black text looks on a background with the Hex color 0C8423.



This preview shows how white text looks on a background with the Hex color 0C8423.

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
0C8423

Protanopia
7F711E

Deuteranopia
8D6B2C



Tritanopia
377B85

Trichromacy



Original Color
0C8423



Protanomaly
557820



Deuteranomaly
5E7429



Tritanomaly
277E61

Monochromacy



Original Color
0C8423



Achromatopsia
555555



Achromatomaly
3A6643

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C8423 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 #0C8423 looks like.

```
.text, #text, p{  
    color:#0C8423  
}
```

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 #0C8423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8423
}
```

Border

The CSS property to change the border of an element to Hex 0C8423 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
#0C8423 }
```

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

```
.border{ border-color:#0C8423 }
```

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

Here you see how a box with a 4 pixel #0C8423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8423; -webkit-box-shadow:4px 4px  
4px 4px #0C8423; box-shadow:4px 4px 4px  
4px #0C8423 }
```

Background

The CSS property to change the background color of an element to Hex 0C8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8423 }
```

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

```
.background{ background-color:#0C8423 }
```

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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