

Converting Colors

Hex(0C7422)

Have a look what the booklet for
Hex(0C7422) contains.

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Color

Hex(0C7422)

Conversions

Conversions Part 1

Format	Color
Hex	0C7422
RGB	12, 116, 34
RGB Percent	5%, 45%, 13%
CMY	0.9529, 0.5451, 0.8667
CMYK	0.90, 0.00, 0.71, 0.55
HSL	133°, 81%, 25%
HSV	133°, 90%, 45%
XYZ	6.6857, 12.6844, 3.6093
YIQ	75.5560, -35.6620, -47.5500

Conversions

Conversions Part 2

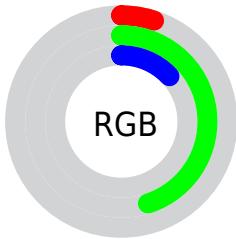
Format	Color
R_{YB}	12, 98, 116
Decimal	816162
CIE _{Lab}	42.28, -44.82, 36.24
CIE _{LCh}	42, 57.644, 141.043
Yxy	12.6844, 0.2909, 0.5520
Android (android.graphics.Color)	4279006242 (0xFF0C7422)
YUV	75.5560, -20.4871, -55.7386
Hunter-Lab	35.6152, -28.8183, 18.9220

Details

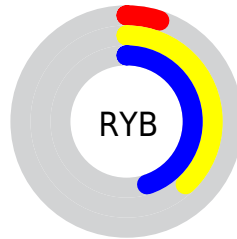
The Hex color **0C7422** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **740C5E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **50A953**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **007419**, and if you desaturate by 10%, it is **18742B**.

Distribution



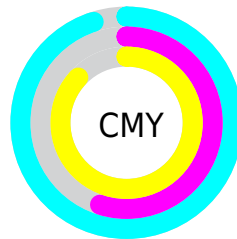
- Red (5%)
- Green (45%)
- Blue (13%)



- Red (5%)
- Yellow (38%)
- Blue (45%)



- Cyan (90%)
- Magenta (0%)
- Yellow (71%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7422 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 0C7422 by changing the saturation by 10% instead.

 0C7422

 0C7422

FFFFFF

 005B07

 50A953

 004200

 6CC56C

 002C00

 87E186

 000F00

 A4FEA1

 000000

 C0FFBC

 DDFFD8

 FBFFF5

 0C7422

 0C7422

■ 007419

■ 18742B

■ 237434

■ 2F743D

■ 3A7447

■ 467450

■ 527459

■ 5D7462

■ 69746B

■ 747474

Harmonies

Analogous

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



596B00



0C7422



007853

Triad

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



0C7422



006EC2



B63245

Complementary

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



0C7422



740C5E

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.



B13074



0C7422



405DBD

Square

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



0C7422



0076AD



8E46A0



A54718

Rectangle

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



0C7422



007975



8E46A0



B72E54

Sweetspot

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



0C7422



6E9676



5F740C



344D39



CCCCCC



4D4D4D

Same Dimension

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



0C7422



009620



0C7455



353B36



007A1A



00FA35

Inverse Universe

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



740C5E



960077



740C2B



3B3539



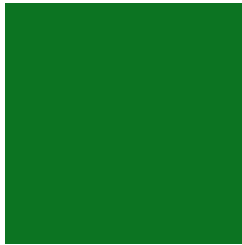
7A0061



FA00C5

Previews

White Background



This preview shows how the Hex color 0C7422 looks on a white background.

Color Contrast Check

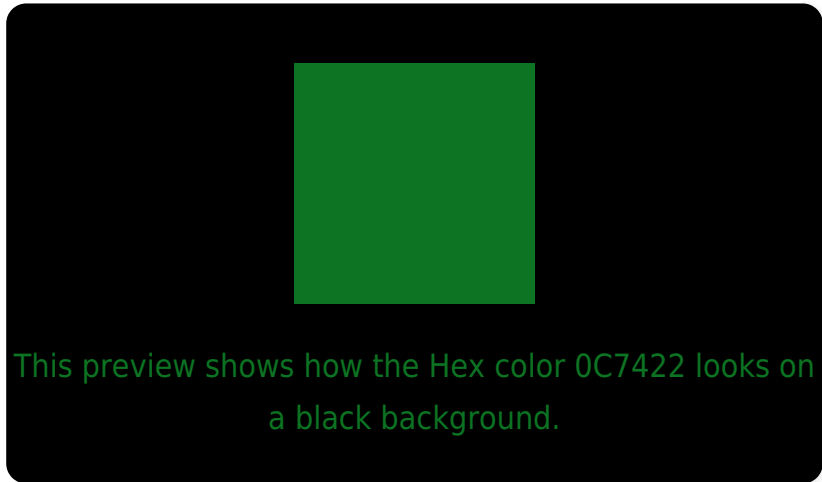
Large Text (above 18pt) WCAG AA ✓ Pass

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

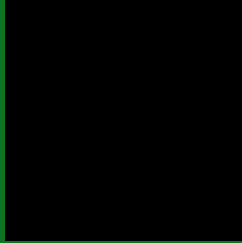
Any Text WCAG AA × Fail

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 0C7422 Background



This preview shows how black text looks on a background with the Hex color 0C7422.



This preview shows how white text looks on a background with the Hex color 0C7422.

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
0C7422

Protanopia
6F641E

Deuteranopia
7B5F2A



Tritanopia
306C75

Trichromacy



Original Color
0C7422



Protanomaly
4B6A1F



Deuteranomaly
536727



Tritanomaly
236F57

Monochromacy



Original Color
0C7422



Achromatopsia
4C4C4C



Achromatomaly
355B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7422 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 #0C7422 looks like.

```
.text, #text, p{  
    color:#0C7422  
}
```

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 #0C7422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7422
}
```

Border

The CSS property to change the border of an element to Hex 0C7422 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
#0C7422 }
```

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

```
.border{ border-color:#0C7422 }
```

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

Here you see how a box with a 4 pixel #0C7422 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7422; -webkit-box-shadow:4px 4px  
4px 4px #0C7422; box-shadow:4px 4px 4px  
4px #0C7422 }
```

Background

The CSS property to change the background color of an element to Hex 0C7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7422 }
```

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

```
.background{ background-color:#0C7422 }
```

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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