

Converting Colors

Hex(0CA822)

Have a look what the booklet for
Hex(0CA822) contains.

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Color

Hex(0CA822)

Conversions

Conversions Part 1

Format	Color
Hex	0CA822
RGB	12, 168, 34
RGB Percent	5%, 66%, 13%
CMY	0.9529, 0.3412, 0.8667
CMYK	0.93, 0.00, 0.80, 0.34
HSL	128°, 87%, 35%
HSV	128°, 93%, 66%
XYZ	14.4430, 28.1989, 6.1951
YIQ	106.0800, -49.9620, -74.7460

Conversions

Conversions Part 2

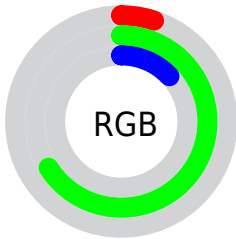
Format	Color
RYB	12, 149, 168
Decimal	829474
CIELab	60.07, -61.06, 54.23
CIELCh	60, 81.668, 138.394
Yxy	28.1989, 0.2957, 0.5774
Android (android.graphics.Color)	4279019554 (0xFF0CA822)
YUV	106.0800, -35.5354, -82.5082
Hunter-Lab	53.1027, -44.3808, 30.2549

Details

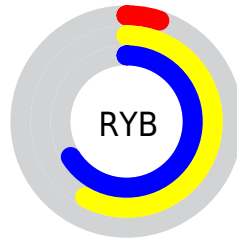
The Hex color **0CA822** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A80C92**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60E15A**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **00A818**, and if you desaturate by 10%, it is **1DA830**.

Distribution



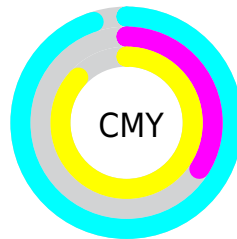
- Red (5%)
- Green (66%)
- Blue (13%)



- Red (5%)
- Yellow (58%)
- Blue (66%)



- Cyan (93%)
- Magenta (0%)
- Yellow (80%)
- Black (34%)



- Cyan (95%)
- Magenta (34%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CA822 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 0CA822 by changing the saturation by 10% instead.

 0CA822

 0CA822

FFFFFF

 008D00

 60E15A

 007200

 7FFE75

 005800

 9DFF90

 003F00

 BBFFAC

 002800

 D9FFC8

 000000

 F8FFE5

 0CA822

 0CA822

 00A818

 1DA830

 2EA83F

 3EA84D

 4FA85C

 60A86A

 71A879

 82A887

 92A895

 A3A8A4

Harmonies

Analogous

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



859B00



0CA822



00AE71

Triad

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



0CA822



00A2FF



FF3C68

Complementary

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



0CA822



A80C92

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.



FF3DB0



0CA822



388AFF

Square

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



0CA822



00ADFC



C965F2



F66122

Rectangle

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



0CA822



00B0A4



C965F2



FF3580

Sweetspot

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



0CA822



9EDBA7



93A80C



486E4E



EDEDED



6E6E6E

Same Dimension

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



0CA822



00DB1F



0CA86F



4C544D



009415



001403

Inverse Universe

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



A80C92



DB00BC



A80C45



544C53



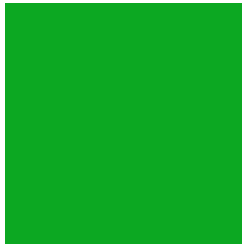
94007F



140012

Previews

White Background



This preview shows how the Hex color 0CA822 looks on a white background.

Color Contrast Check

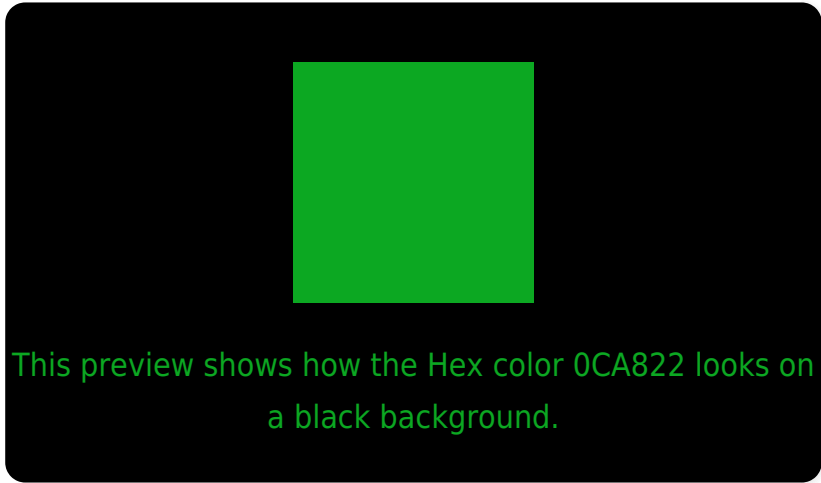
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0CA822 Background



This preview shows how black text looks on a background with the Hex color 0CA822.

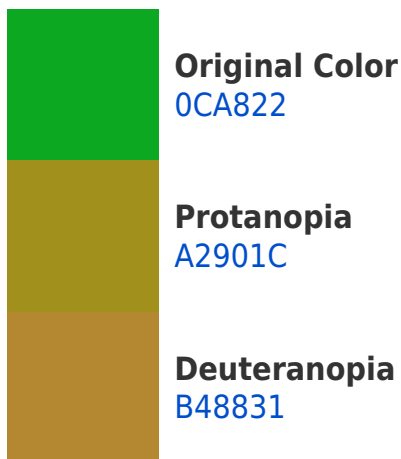


This preview shows how white text looks on a background with the Hex color 0CA822.

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





Tritanopia
469CA9

Trichromacy



Original Color
0CA822



Protanomaly
6B991E



Deuteranomaly
77942C



Tritanomaly
31A078

Monochromacy



Original Color
0CA822



Achromatopsia
6A6A6A



Achromatomaly
488150

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CA822 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 #0CA822 looks like.

```
.text, #text, p{  
    color:#0CA822  
}
```

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 #0CA822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA822
}
```

Border

The CSS property to change the border of an element to Hex 0CA822 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".

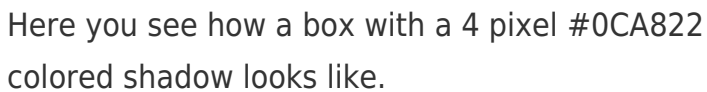
```
.border, #border, table{ border:4px solid
#0CA822 }
```

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

```
.border{ border-color:#0CA822 }
```

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

Here you see how a box with a 4 pixel #0CA822 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is visible on the right and bottom edges of the box, indicating a 4-pixel offset in both directions.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA822; -webkit-box-shadow:4px 4px  
4px 4px #0CA822; box-shadow:4px 4px 4px  
4px #0CA822 }
```

Background

The CSS property to change the background color of an element to Hex 0CA822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA822 }
```

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

```
.background{ background-color:#0CA822 }
```

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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