

Converting Colors

Hex(0CAC22)

Have a look what the booklet for
Hex(0CAC22) contains.

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Color

Hex(0CAC22)

Conversions

Conversions Part 1

Format	Color
Hex	0CAC22
RGB	12, 172, 34
RGB Percent	5%, 67%, 13%
CMY	0.9529, 0.3255, 0.8667
CMYK	0.93, 0.00, 0.80, 0.33
HSL	128°, 87%, 36%
HSV	128°, 93%, 67%
XYZ	15.1929, 29.6987, 6.4451
YIQ	108.4280, -51.0620, -76.8380

Conversions

Conversions Part 2

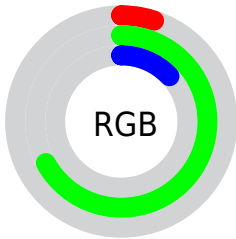
Format	Color
RYB	12, 153, 172
Decimal	830498
CIELab	61.39, -62.24, 55.49
CIELCh	61, 83.384, 138.279
Yxy	29.6987, 0.2959, 0.5785
Android (android.graphics.Color)	4279020578 (0xFF0CAC22)
YUV	108.4280, -36.6930, -84.5674
Hunter-Lab	54.4965, -45.6056, 31.1356

Details

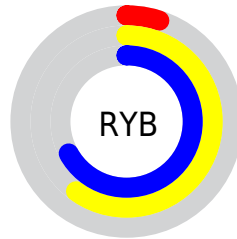
The Hex color **0CAC22** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AC0C96**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **61E55A**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **00AC18**, and if you desaturate by 10%, it is **1DAC31**.

Distribution



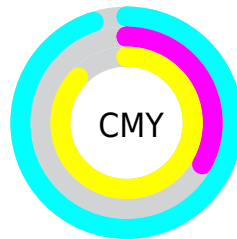
- Red (5%)
- Green (67%)
- Blue (13%)



- Red (5%)
- Yellow (60%)
- Blue (67%)



- Cyan (93%)
- Magenta (0%)
- Yellow (80%)
- Black (33%)



- Cyan (95%)
- Magenta (33%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CAC22 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 0CAC22 by changing the saturation by 10% instead.

 0CAC22

 0CAC22

FFFFFF

 009100

 61E55A

 007600

 80FF75

 005C00

 9FFF91

 004300

 BDFFAC

 002C00

 DBFFC9

 000A00

 FAFFE6

 000000

 0CAC22

 0CAC22

 00AC18

 1DAC31

 2EAC40

 40AC4F

 51AC5D

 62AC6C

 73AC7B

 84AC8A

 96AC99

 A7ACA8

Harmonies

Analogous

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



899E00



0CAC22



00B374

Triad

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



0CAC22



00A6FF



FF3D6B

Complementary

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



0CAC22



AC0C96

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.



FF3EB4



0CAC22



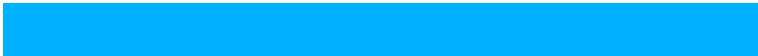
378DFF

Square

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



0CAC22



00B1FF



CE68F8



FC6322

Rectangle

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



0CAC22



00B4A7



CE68F8



FF3683

Sweetspot

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



0CAC22



A2E0AA



97AC0C



4A704F



F0F0F0



707070

Same Dimension

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



0CAC22



00E01F



0CAC71



4E574F



009615



001703

Inverse Universe

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



AC0C96



E000C2



AC0C47



574E56



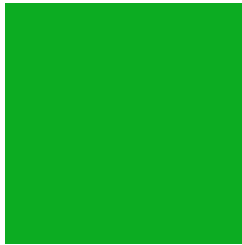
960082



170014

Previews

White Background



This preview shows how the Hex color 0CAC22 looks on a white background.

Color Contrast Check

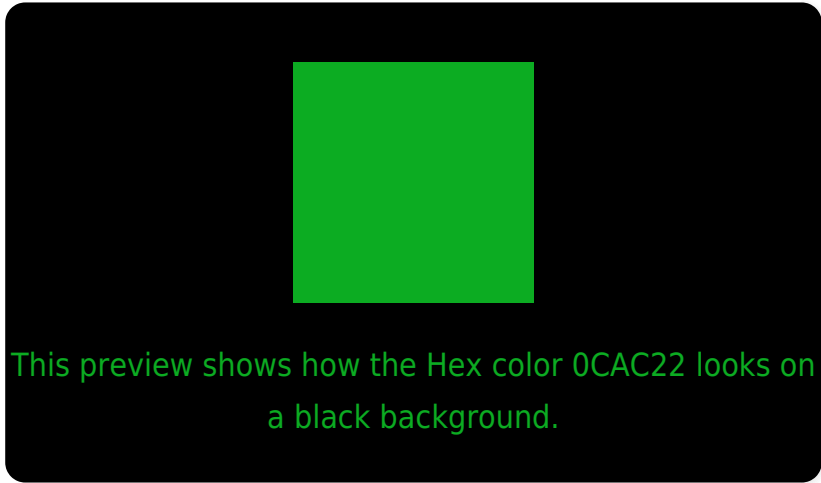
Large Text (above 18pt) WCAG AA ✓ Pass

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 0CAC22 Background



This preview shows how black text looks on a background with the Hex color 0CAC22.



This preview shows how white text looks on a background with the Hex color 0CAC22.

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
0CAC22

Protanopia
A6931C

Deuteranopia
B88C31



Tritanopia
48A0AD

Trichromacy



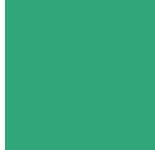
Original Color
0CAC22



Protanomaly
6E9C1E



Deuteranomaly
79982C



Tritanomaly
32A47A

Monochromacy



Original Color
0CAC22



Achromatopsia
6C6C6C



Achromatomaly
498351

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CAC22 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 #0CAC22 looks like.

```
.text, #text, p{  
    color:#0CAC22  
}
```

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 #0CAC22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CAC22
}
```

Border

The CSS property to change the border of an element to Hex 0CAC22 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".

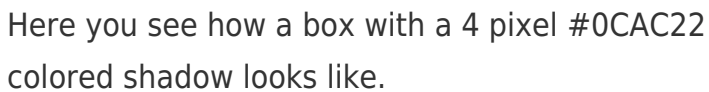
```
.border, #border, table{ border:4px solid
#0CAC22 }
```

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

```
.border{ border-color:#0CAC22 }
```

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

Here you see how a box with a 4 pixel #0CAC22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CAC22; -webkit-box-shadow:4px 4px  
4px 4px #0CAC22; box-shadow:4px 4px 4px  
4px #0CAC22 }
```

Background

The CSS property to change the background color of an element to Hex 0CAC22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CAC22 }
```

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

```
.background{ background-color:#0CAC22 }
```

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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