

Converting Colors

Hex(0AAA2C)

Have a look what the booklet for
Hex(0AAA2C) contains.

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Color

Hex(0AAA2C)

Conversions

Conversions Part 1

Format	Color
Hex	0AAA2C
RGB	10, 170, 44
RGB Percent	4%, 67%, 17%
CMY	0.9608, 0.3333, 0.8275
CMYK	0.94, 0.00, 0.74, 0.33
HSL	133°, 89%, 35%
HSV	133°, 94%, 67%
XYZ	14.9545, 28.9958, 7.1914
YIQ	107.7960, -54.9140, -73.1060

Conversions

Conversions Part 2

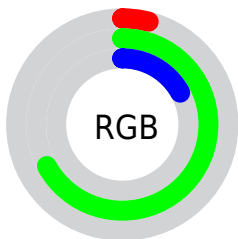
Format	Color
RYB	10, 142, 170
Decimal	698924
CIELab	60.78, -61.01, 51.53
CIElCh	61, 79.862, 139.815
Yxy	28.9958, 0.2924, 0.5670
Android (android.graphics.Color)	4278889004 (0xFF0AAA2C)
YUV	107.7960, -31.4514, -85.7671
Hunter-Lab	53.8478, -44.6609, 29.7752

Details

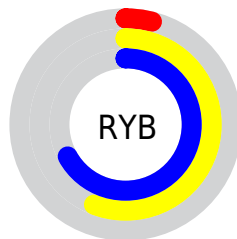
The Hex color **0AAA2C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA0A88**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **60E362**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **00AA24**, and if you desaturate by 10%, it is **1BAA39**.

Distribution



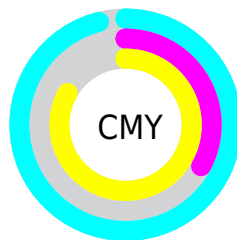
- Red (4%)
- Green (67%)
- Blue (17%)



- Red (4%)
- Yellow (56%)
- Blue (67%)



- Cyan (94%)
- Magenta (0%)
- Yellow (74%)
- Black (33%)



- Cyan (96%)
- Magenta (33%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AAA2C 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 0AAA2C by changing the saturation by 10% instead.

 0AAA2C

 0AAA2C

FFFFFF

 008F0A

 60E362

 007400

 7FFF7C

 005A00

 9DFF98

 004100

 BBFFB3

 002A00

 D9FFD0

 000500

 F7FFED

 000000

 0AAA2C

 0AAA2C

 00AA24

 1BAA39

 2CAA47

 3DAA54

 4EAA62

 5FAA6F

 70AA7C

 81AA8A

 92AA97

 A3AAA4

Harmonies

Analogous

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



859D00



0AAA2C



00B077

Triad

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



0AAA2C



00A2FF



FF4468

Complementary

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



0AAA2C



AA0A88

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.



FF43AE



0AAA2C



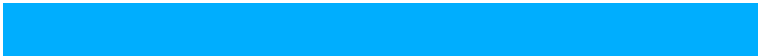
4F8BFF

Square

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



0AAA2C



00AEFE



CE67EF



F46623

Rectangle

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



0AAA2C



00B2A9



CE67EF



FF3D7F

Sweetspot

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



0AAA2C



A0DEAD



8AAA0A



4A7052



F0F0F0



707070

Same Dimension

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



0AAA2C



00DE2F



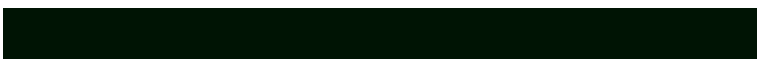
0AAA7A



4C544E



00941F



001404

Inverse Universe

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



AA0A88



DE00AF



AA0A3A



544C52



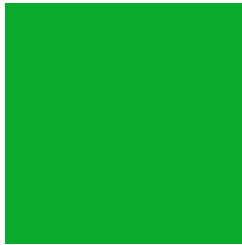
940074



140010

Previews

White Background



This preview shows how the Hex color 0AAA2C looks on a white background.

Color Contrast Check

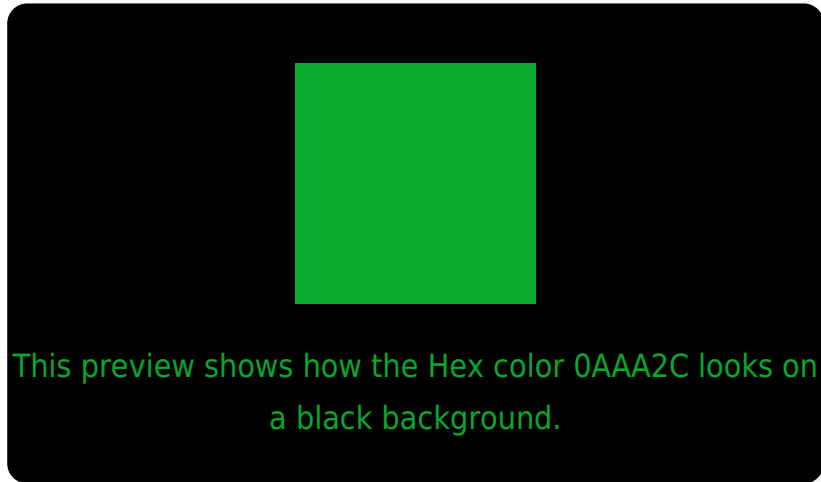
Large Text (above 18pt) WCAG AA ✓ Pass

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 0AAA2C Background



This preview shows how black text looks on a background with the Hex color 0AAA2C.

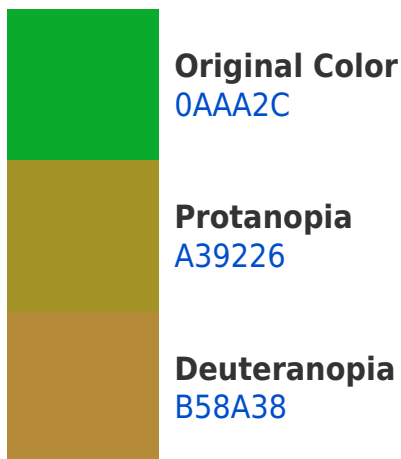


This preview shows how white text looks on a background with the Hex color 0AAA2C.

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
469FAB

Trichromacy



Original Color

0AAA2C



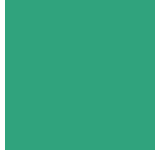
Protanomaly

6B9B28



Deuteranomaly

779634



Tritanomaly

30A37D

Monochromacy



Original Color

0AAA2C



Achromatopsia

6C6C6C



Achromatomaly

488355

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AAA2C 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 #0AAA2C looks like.

```
.text, #text, p{  
    color:#0AAA2C  
}
```

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 #0AAA2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AAA2C
}
```

Border

The CSS property to change the border of an element to Hex 0AAA2C 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
#0AAA2C }
```

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

```
.border{ border-color:#0AAA2C }
```

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

Here you see how a box with a 4 pixel #0AAA2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AAA2C; -webkit-box-shadow:4px 4px  
4px 4px #0AAA2C; box-shadow:4px 4px 4px  
4px #0AAA2C }
```

Background

The CSS property to change the background color of an element to Hex 0AAA2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AAA2C }
```

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

```
.background{ background-color:#0AAA2C }
```

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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