

Converting Colors

Hex(0CA346)

Have a look what the booklet for
Hex(0CA346) contains.

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Color

Hex(0CA346)

Conversions

Conversions Part 1

Format	Color
Hex	0CA346
RGB	12, 163, 70
RGB Percent	5%, 64%, 27%
CMY	0.9529, 0.3608, 0.7255
CMYK	0.93, 0.00, 0.57, 0.36
HSL	143°, 86%, 34%
HSV	143°, 93%, 64%
XYZ	14.3543, 26.7147, 10.1943
YIQ	107.2490, -60.1430, -60.9350

Conversions

Conversions Part 2

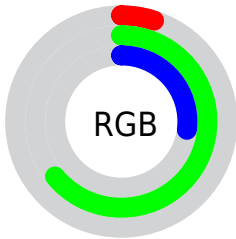
Format	Color
R_{YB}	12, 121, 163
Decimal	828230
CIE _{Lab}	58.71, -55.76, 37.99
CIE _{LCh}	59, 67.470, 145.729
Yxy	26.7147, 0.2800, 0.5211
Android (android.graphics.Color)	4279018310 (0xFF0CA346)
YUV	107.2490, -18.3638, -83.5334
Hunter-Lab	51.6863, -40.8781, 24.4865

Details

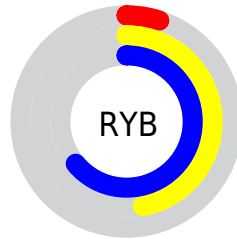
The Hex color **0CA346** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A30C69**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DDB79**, and **006E14** is the 20% darker color. If you saturate the color by 10%, you get **00A33F**, and if you desaturate by 10%, it is **1CA350**.

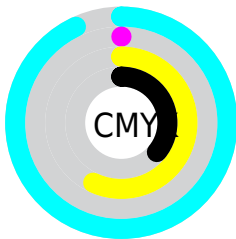
Distribution



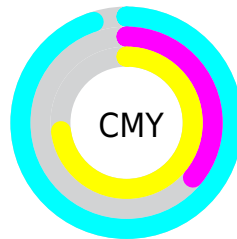
- Red (5%)
- Green (64%)
- Blue (27%)



- Red (5%)
- Yellow (47%)
- Blue (64%)



- Cyan (93%)
- Magenta (0%)
- Yellow (57%)
- Black (36%)



- Cyan (95%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CA346 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 0CA346 by changing the saturation by 10% instead.

 0CA346

 0CA346

FFFFFF

 00882D

 5DDB79

 006E14

 7BF893

 005400

 99FFAE

 003B00

 B6FFCA

 002500

 D4FFE7

 000000

 F2FFFF

 0CA346

 0CA346

 00A33F

 1CA350

 2DA35A

 3DA364

 4DA36E

 5EA378

 6EA382

 7EA38C

 8EA396

 9FA3A0

Harmonies

Analogous

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



779905



0CA346



00A883

Triad

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



0CA346



0097FF



F4565E

Complementary

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



0CA346



A30C69

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.



F15098



0CA346



7A81F9

Square

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



0CA346



00A3EF



CC65D1



DC6F28

Rectangle

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



0CA346



00A8AC



CC65D1



F65171

Sweetspot

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



0CA346



98D4AF



69A30C



476B55



EBEBEB



6B6B6B

Same Dimension

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



0CA346



00D451



0CA391



49524D



009138



001207

Inverse Universe

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



A30C69



D40082



A30C1E



52494E



91005A



12000B

Previews

White Background



This preview shows how the Hex color 0CA346 looks on a white background.

Color Contrast Check

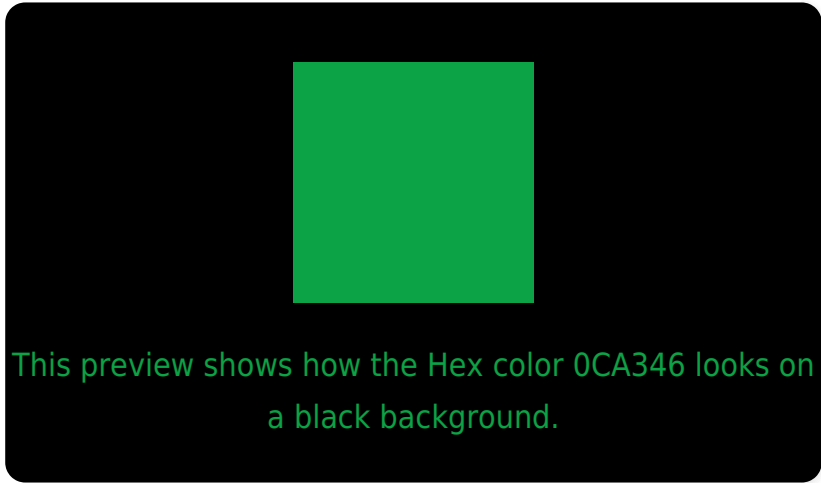
Large Text (above 18pt) WCAG AA ✓ Pass

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 0CA346 Background



This preview shows how black text looks on a background with the Hex color 0CA346.

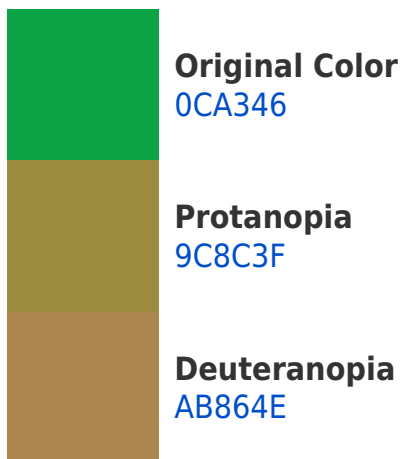


This preview shows how white text looks on a background with the Hex color 0CA346.

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
4199A5

Trichromacy



Original Color
0CA346



Protanomaly
689442



Deuteranomaly
71914B



Tritanomaly
2E9D82

Monochromacy



Original Color
0CA346



Achromatopsia
6B6B6B



Achromatomaly
487F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CA346 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 #0CA346 looks like.

```
.text, #text, p{  
    color:#0CA346  
}
```

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 #0CA346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA346
}
```

Border

The CSS property to change the border of an element to Hex 0CA346 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
#0CA346 }
```

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

```
.border{ border-color:#0CA346 }
```

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

Here you see how a box with a 4 pixel #0CA346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA346; -webkit-box-shadow:4px 4px  
4px 4px #0CA346; box-shadow:4px 4px 4px  
4px #0CA346 }
```

Background

The CSS property to change the background color of an element to Hex 0CA346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA346 }
```

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

```
.background{ background-color:#0CA346 }
```

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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