

Converting Colors

Hex(0CAB59)

Have a look what the booklet for
Hex(0CAB59) contains.

Hex(0CAB59)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0CAB59)

Conversions

Conversions Part 1

Format	Color
Hex	0CAB59
RGB	12, 171, 89
RGB Percent	5%, 67%, 35%
CMY	0.9529, 0.3294, 0.6510
CMYK	0.93, 0.00, 0.48, 0.33
HSL	149°, 87%, 36%
HSV	149°, 93%, 67%
XYZ	16.5177, 29.9253, 14.3568
YIQ	114.1110, -68.4420, -59.2100

Conversions

Conversions Part 2

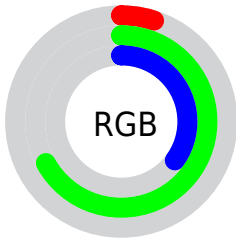
Format	Color
RYB	12, 119, 171
Decimal	830297
CIELab	61.59, -55.41, 31.98
CIELCh	62, 63.981, 150.011
Yxy	29.9253, 0.2717, 0.4922
Android (android.graphics.Color)	4279020377 (0xFF0CAB59)
YUV	114.1110, -12.3797, -89.5513
Hunter-Lab	54.7040, -41.8344, 22.7324

Details

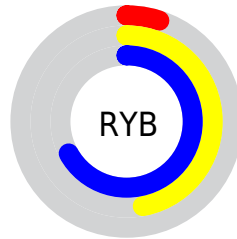
The Hex color **0CAB59** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB0C5E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5FE48C**, and **007529** is the 20% darker color. If you saturate the color by 10%, you get **00AB53**, and if you desaturate by 10%, it is **1DAB62**.

Distribution



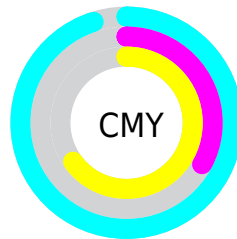
- Red (5%)
- Green (67%)
- Blue (35%)



- Red (5%)
- Yellow (47%)
- Blue (67%)



- Cyan (93%)
- Magenta (0%)
- Yellow (48%)
- Black (33%)



- Cyan (95%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CAB59 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 0CAB59 by changing the saturation by 10% instead.

 0CAB59

 0CAB59

FFFFFF

 009041

 5FE48C

 007529

 7DFFA7

 005B11

 9BFFC3

 004200

 B9FFDF

 002C00

 D7FFFC

 000B00

 F5FFFF

 000000

 0CAB59

 0CAB59

 00AB53

 1DAB62

 2EAB6B

 3FAB73

 50AB7C

 61AB85

 73AB8E

 84AB97

 95ABA0

 A6ABA8

Harmonies

Analogous

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



78A227



0CAB59



00AF93

Triad

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



0CAB59



009BFF



F76560

Complementary

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



0CAB59



AB0C5E

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.



F85D97



0CAB59



9386F7

Square

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



0CAB59



00A9F6



D96CCE



DD7C30

Rectangle

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



0CAB59



00AFBA



D96CCE



FA6071

Sweetspot

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



0CAB59



A0DEBE



5EAB0C



4A705D



F0F0F0



707070

Same Dimension

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



0CAB59



00DE6B



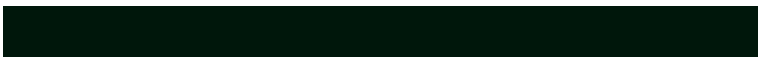
0CABA8



4E5752



009649



00170B

Inverse Universe

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



AB0C5E



DE0072



AB0C0F



574E53



96004E



17000C

Previews

White Background



This preview shows how the Hex color 0CAB59 looks on a white background.

Color Contrast Check

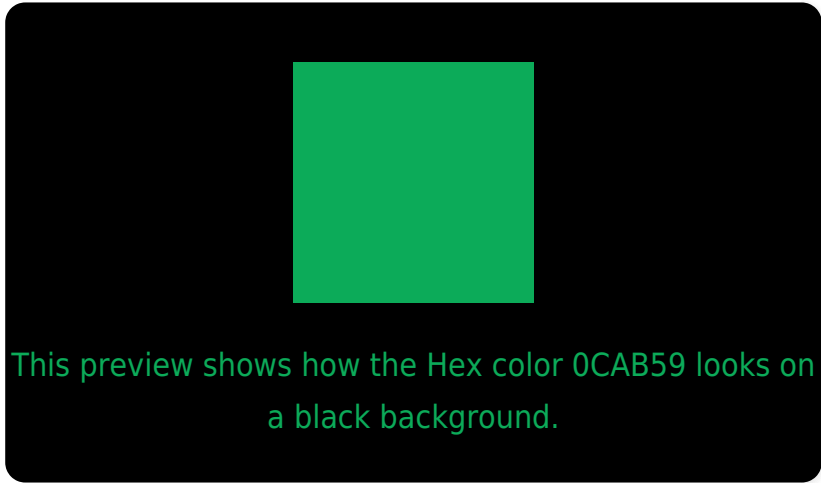
Large Text (above 18pt) WCAG AA ✓ Pass

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 0CAB59 Background



This preview shows how black text looks on a background with the Hex color 0CAB59.

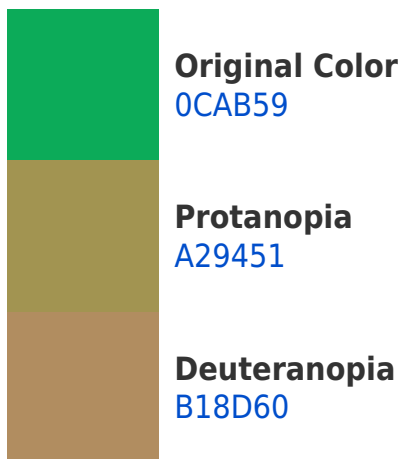


This preview shows how white text looks on a background with the Hex color 0CAB59.

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
42A1AF

Trichromacy



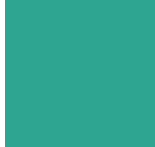
Original Color
0CAB59



Protanomaly
6B9C54



Deuteranomaly
75985D



Tritanomaly
2EA590

Monochromacy



Original Color
0CAB59



Achromatopsia
727272



Achromatomaly
4D8769

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CAB59 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 #0CAB59 looks like.

```
.text, #text, p{  
    color:#0CAB59  
}
```

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 #0CAB59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CAB59
}
```

Border

The CSS property to change the border of an element to Hex 0CAB59 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
#0CAB59 }
```

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

```
.border{ border-color:#0CAB59 }
```

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

Here you see how a box with a 4 pixel #0CAB59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CAB59; -webkit-box-shadow:4px 4px  
4px 4px #0CAB59; box-shadow:4px 4px 4px  
4px #0CAB59 }
```

Background

The CSS property to change the background color of an element to Hex 0CAB59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CAB59 }
```

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

```
.background{ background-color:#0CAB59 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor