

# Converting Colors

Hex(0CA06D)

Have a look what the booklet for  
Hex(0CA06D) contains.

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# Color

**Hex(0CA06D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CA06D
RGB	12, 160, 109
RGB Percent	5%, 63%, 43%
CMY	0.9529, 0.3725, 0.5725
CMYK	0.92, 0.00, 0.32, 0.37
HSL	159°, 86%, 34%
HSV	159°, 92%, 63%
XYZ	15.4827, 26.3239, 18.7330
YIQ	109.9340, -71.8370, -47.2370

# Conversions

## Conversions Part 2

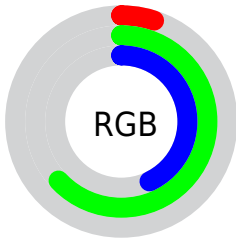
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 101, 160
Decimal	827501
CIELab	58.34, -47.38, 16.94
CIELCh	58, 50.314, 160.322
Yxy	26.3239, 0.2557, 0.4348
Android (android.graphics.Color)	4279017581 (0xFF0CA06D)
YUV	109.9340, -0.4605, -85.8881
Hunter-Lab	51.3068, -35.9214, 14.2670

# Details

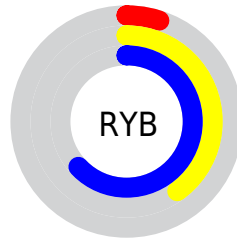
The Hex color **0CA06D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A00C3F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5BD8A1**, and **006B3D** is the 20% darker color. If you saturate the color by 10%, you get **00A069**, and if you desaturate by 10%, it is **1CA073**.

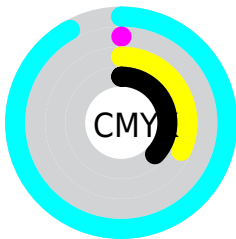
# Distribution



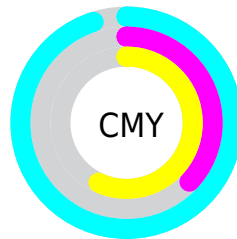
- Red (5%)
- Green (63%)
- Blue (43%)



- Red (5%)
- Yellow (40%)
- Blue (63%)



- Cyan (92%)
- Magenta (0%)
- Yellow (32%)
- Black (37%)



- Cyan (95%)
- Magenta (37%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CA06D 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 0CA06D by changing the saturation by 10% instead.



 0CA06D

 0CA06D

FFFFFF

 008555

 5BD8A1

 006B3D

 79F5BC

 005227

 97FFD8

 003912

 B4FFF4

 002400

 D2FFFF

 000000

 F0FFFF

 0CA06D

 0CA06D

 00A069

 1CA073

 2CA078

 3CA07E

 4CA083

 5CA089

 6CA08E

 7CA094

 8CA099

 9CA09F

# Harmonies

## Analogous

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



669A46



0CA06D



00A29B

# Triad

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



0CA06D



578CE3



D66F55

# Complementary

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



0CA06D



A00C3F

# 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.



DE657F



0CA06D



A37AD0

# Square

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



0CA06D



0099DF



CE6AAB



BC7F37

# Rectangle

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



0CA06D



00A1B8



CE6AAB



DB6A62



# Sweetspot

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



0CA06D



97D1BD



40A00C



45695C



E8E8E8



696969



# Same Dimension

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



0CA06D



00D189



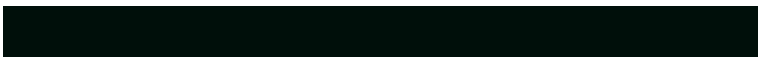
0C8AA0



474F4C



008F5E



000F0A



# Inverse Universe

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



A00C3F



D10048



A0220C



4F474A



8F0031



0F0005



# Previews

## White Background



This preview shows how the Hex color 0CA06D looks on a white background.

## Color Contrast Check

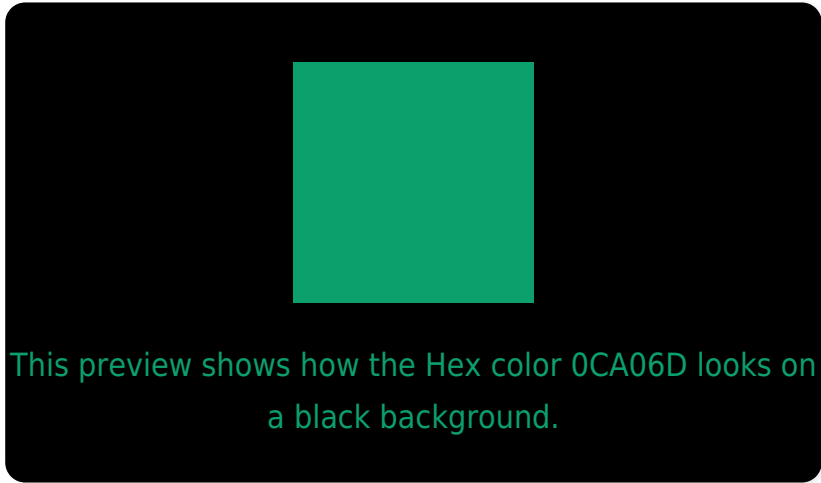
Large Text (above 18pt) WCAG AA ✓ Pass

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

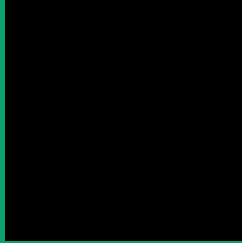
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0CA06D Background



This preview shows how black text looks on a background with the Hex color 0CA06D.



This preview shows how white text looks on a background with the Hex color 0CA06D.

# 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**  
0CA06D

**Protanopia**  
968B64

**Deuteranopia**  
A18673



**Tritanopia**  
3899A5

# Trichromacy



**Original Color**  
0CA06D



**Protanomaly**  
649367



**Deuteranomaly**  
6B8F71



**Tritanomaly**  
289C91

# Monochromacy



**Original Color**  
0CA06D



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
4A806E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CA06D 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 #0CA06D looks like.

```
.text, #text, p{  
    color:#0CA06D  
}
```

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 #0CA06D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA06D
}
```

## Border

The CSS property to change the border of an element to Hex 0CA06D 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
#0CA06D }
```

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

```
.border{ border-color:#0CA06D }
```

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

Here you see how a box with a 4 pixel #0CA06D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA06D; -webkit-box-shadow:4px 4px  
4px 4px #0CA06D; box-shadow:4px 4px 4px  
4px #0CA06D }
```

# Background

The CSS property to change the background color of an element to Hex 0CA06D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA06D }
```

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

```
.background{ background-color:#0CA06D }
```

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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