

# Converting Colors

Hex(0CBA59)

Have a look what the booklet for  
Hex(0CBA59) contains.

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# Color

**Hex(0CBA59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0CBA59
RGB	12, 186, 89
RGB Percent	5%, 73%, 35%
CMY	0.9529, 0.2706, 0.6510
CMYK	0.94, 0.00, 0.52, 0.27
HSL	147°, 88%, 39%
HSV	147°, 94%, 73%
XYZ	19.5137, 35.9172, 15.3554
YIQ	122.9160, -72.5670, -67.0550

# Conversions

## Conversions Part 2

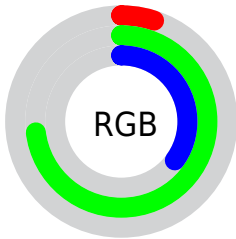
Format	Color
<a href="#">RYB</a>	<a href="#">12, 133, 186</a>
Decimal	<a href="#">834137</a>
CIELab	<a href="#">66.46, -60.45, 38.06</a>
CIELCh	<a href="#">66, 71.437, 147.803</a>
Yxy	<a href="#">35.9172, 0.2757, 0.5074</a>
Android (android.graphics.Color)	<a href="#">4279024217 (0xFF0CBA59)</a>
YUV	<a href="#">122.9160, -16.7206, -97.2733</a>
Hunter-Lab	<a href="#">59.9310, -46.7592, 26.7605</a>

# Details

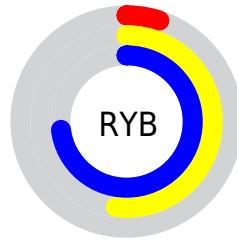
The Hex color **0CBA59** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA0C6D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **63F38D**, and **008327** is the 20% darker color. If you saturate the color by 10%, you get **00BA52**, and if you desaturate by 10%, it is **1FBA63**.

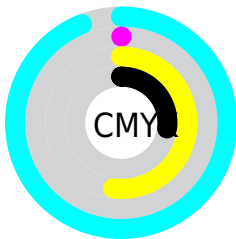
# Distribution



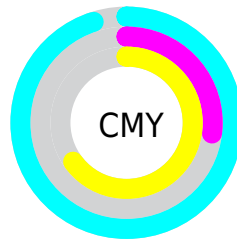
- Red (5%)
- Green (73%)
- Blue (35%)



- Red (5%)
- Yellow (52%)
- Blue (73%)



- Cyan (94%)
- Magenta (0%)
- Yellow (52%)
- Black (27%)



- Cyan (95%)
- Magenta (27%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CBA59 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 0CBA59 by changing the saturation by 10% instead.



 0CBA59

 0CBA59

FFFFFF

 009E40

 63F38D

 008327

 82FFA8

 00690C

 A1FFC4

 004F00

 BFFFE0

 003700

 DDFFFD

 001F00

 FCFFF

 000000

 0CBA59

 0CBA59

 00BA52

 1FBA63

 31BA6E

 44BA78

 56BA82

 69BA8D

 7CBA97

 8EBAA2

 A1BAAC

 B3BAB6

# Harmonies

## Analogous

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



86AF1C



0CBA59



00BF9B

# Triad

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



0CBA59



00ABFF



FF696A

# Complementary

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



0CBA59



BA0C6D

# 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.



FF60A9



0CBA59



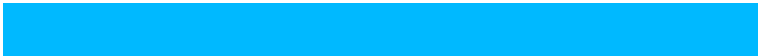
9793FF

# Square

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



0CBA59



00B9FF



EA75E7



F58331

# Rectangle

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



0CBA59



00BFC7



EA75E7



FF637E



# Sweetspot

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



0CBA59



AEF2CC



6FBA0C



517A63



FAFAFA



7A7A7A



# Same Dimension

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



0CBA59



00F26B



0CBAAE



535C57



009C45



001C0C



# Inverse Universe

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



BA0C6D



F20087



BA0C18



5C5358



9C0057



1C0010



# Previews

## White Background



This preview shows how the Hex color 0CBA59 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0CBA59 looks on a 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 ✓ Pass

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



## Hex 0CBA59 Background



This preview shows how black text looks on a background with the Hex color 0CBA59.



This preview shows how white text looks on a background with the Hex color 0CBA59.

# 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](#).

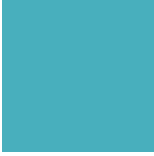
## Dichromacy



**Original Color**  
0CBA59

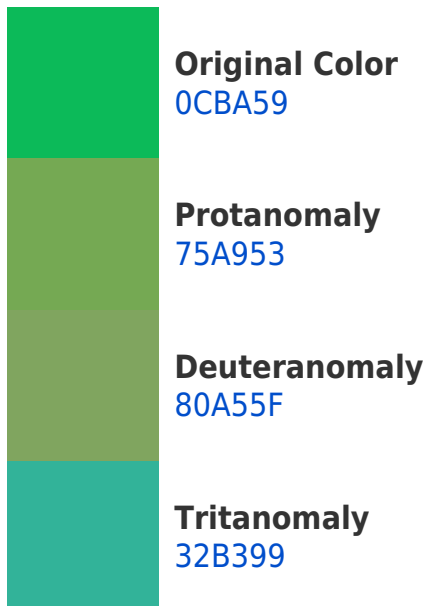
**Protanopia**  
B1A050

**Deuteranopia**  
C29962

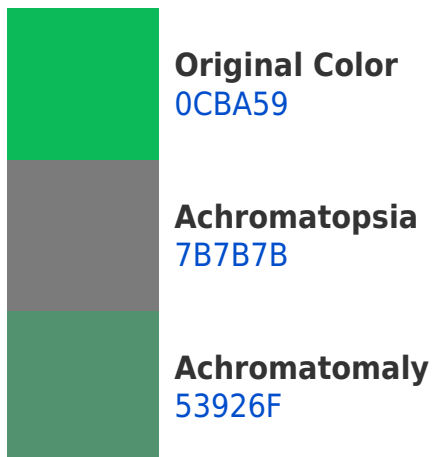


**Tritanopia**  
48AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CBA59 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 #0CBA59 looks like.

```
.text, #text, p{  
    color:#0CBA59  
}
```

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 #0CBA59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CBA59
}
```

## Border

The CSS property to change the border of an element to Hex 0CBA59 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
#0CBA59 }
```

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

```
.border{ border-color:#0CBA59 }
```

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

Here you see how a box with a 4 pixel #0CBA59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CBA59; -webkit-box-shadow:4px 4px  
4px 4px #0CBA59; box-shadow:4px 4px 4px  
4px #0CBA59 }
```

# Background

The CSS property to change the background color of an element to Hex 0CBA59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CBA59 }
```

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

```
.background{ background-color:#0CBA59 }
```

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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