

# Converting Colors

Hex(C0C759)

Have a look what the booklet for  
Hex(C0C759) contains.

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**Color**

**Hex(C0C759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0C759
RGB	192, 199, 89
RGB Percent	75%, 78%, 35%
CMY	0.2471, 0.2196, 0.6510
CMYK	0.04, 0.00, 0.55, 0.22
HSL	64°, 50%, 56%
HSV	64°, 55%, 78%
XYZ	43.9648, 52.7746, 17.3205
YIQ	184.3670, 31.1380, -35.6940

# Conversions

## Conversions Part 2

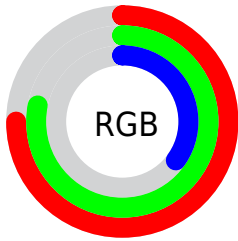
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">89, 199, 96</a>
Decimal	<a href="#">12633945</a>
<a href="#">CIELab</a>	<a href="#">77.74, -17.37, 53.26</a>
<a href="#">CIElCh</a>	<a href="#">78, 56.019, 108.067</a>
<a href="#">Yxy</a>	<a href="#">52.7746, 0.3855, 0.4627</a>
Android (android.graphics.Color)	<a href="#">4290824025</a> ( <a href="#">0xFFC0C759</a> )
<a href="#">YUV</a>	<a href="#">184.3670, -47.0159, 6.6941</a>
<a href="#">Hunter-Lab</a>	<a href="#">72.6461, -19.1040, 36.7162</a>

# Details

The Hex color **C0C759** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **6059C7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FAFF8E**, and **889123** is the 20% darker color. If you saturate the color by 10%, you get **BFC745**, and if you desaturate by 10%, it is **C1C76D**.

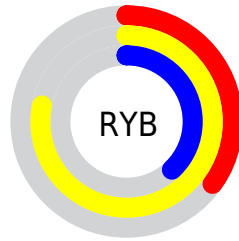
# Distribution



Red (75%)

Green (78%)

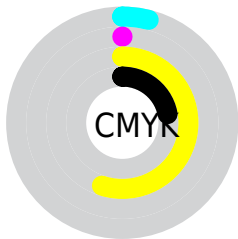
Blue (35%)



Red (35%)

Yellow (78%)

Blue (38%)

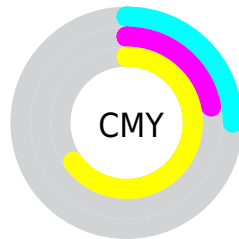


Cyan (4%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0C759 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 C0C759 by changing the saturation by 10% instead.



 C0C759

 C0C759

FFFFFF

 A4AC3F

 FAFF8E

 889123

 FFFFAA

 6D7800

 FFFFC6

 525F00

 FFFFE2

 394700

 1F3100

 001D00

 000000

 C0C759

 C0C759

 BFC745

 C1C76D

 BDC731

 C3C781

 BCC71D

 C4C795

 BBC709

 C5C7A9

 BAC700

 C6C7BD

 C8C7D0

 C9C7E4

 CAC7F8

 CBC7FF

# Harmonies

## Analogous

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



F0B658



C0C759



84D378

# Triad

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



C0C759



00D6FF



FF97D7

# Complementary

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



C0C759



6059C7

# 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.



ECA6FF



C0C759



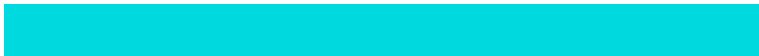
00CCFF

# Square

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



C0C759



00DADF



A2BBFF



FF95A3

# Rectangle

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



C0C759



4ED897



A2BBFF



FF9BE8



# Sweetspot

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



C0C759



FCFFD4



C75F59



7E8066



000000



808080



# Same Dimension

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



C0C759



F4FF57



8BC759



63635A



99A300



212400



# Inverse Universe

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



6059C7



6157FF



9659C7



5A5A63



0A00A3



020024



# Previews

## White Background



This preview shows how the Hex color C0C759 looks on a white background.

## Color Contrast Check

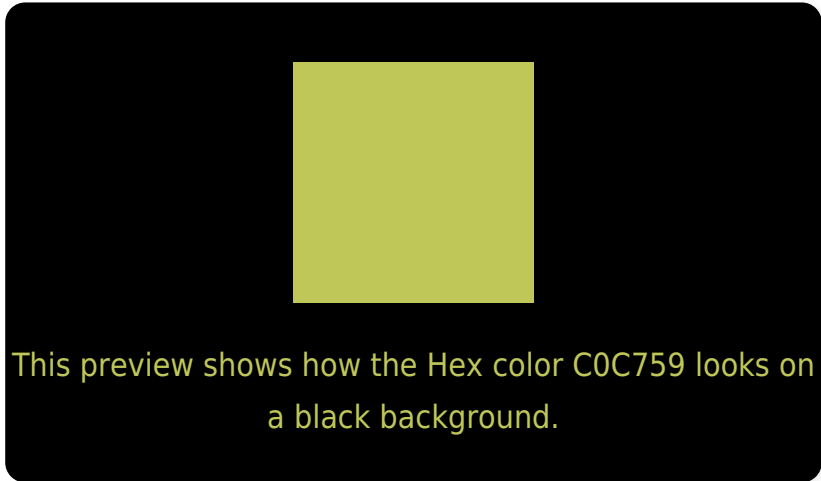
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

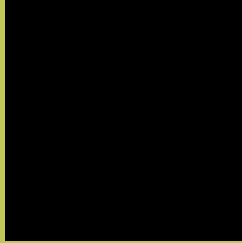
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0C759 Background



This preview shows how black text looks on a background with the Hex color C0C759.

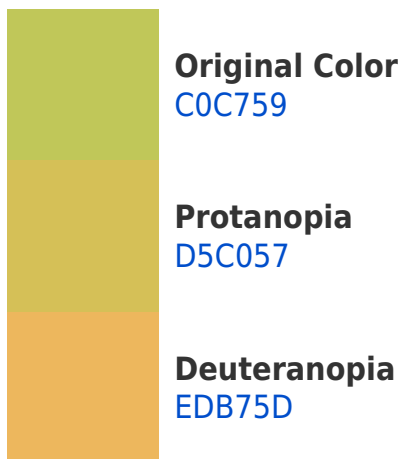


This preview shows how white text looks on a background with the Hex color C0C759.

# Color Blindness Simulation

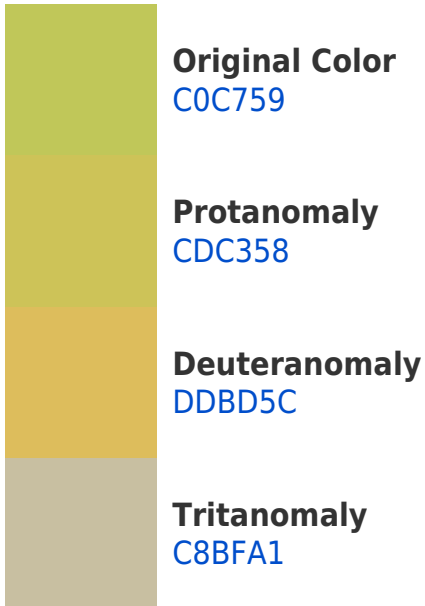
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0C759 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 #C0C759 looks like.

```
.text, #text, p{  
    color:#C0C759  
}
```

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 #C0C759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0C759
}
```

## Border

The CSS property to change the border of an element to Hex C0C759 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
#C0C759 }
```

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

```
.border{ border-color:#C0C759 }
```

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

Here you see how a box with a 4 pixel #C0C759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0C759; -webkit-box-shadow:4px 4px  
4px 4px #C0C759; box-shadow:4px 4px 4px  
4px #C0C759 }
```

# Background

The CSS property to change the background color of an element to Hex C0C759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0C759 }
```

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

```
.background{ background-color:#C0C759 }
```

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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