

# Converting Colors

Hex(C0B95B)

Have a look what the booklet for  
Hex(C0B95B) contains.

<b>Hex(C0B95B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C0B95B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0B95B
RGB	192, 185, 91
RGB Percent	75%, 73%, 36%
CMY	0.2471, 0.2745, 0.6431
CMYK	0.00, 0.04, 0.53, 0.25
HSL	56°, 44%, 55%
HSV	56°, 53%, 75%
XYZ	40.9755, 46.6597, 16.7441
YIQ	176.3770, 34.3460, -27.7500

# Conversions

## Conversions Part 2

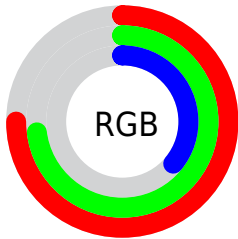
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 192, 91
Decimal	12630363
CIELab	73.97, -10.09, 47.97
CIELCh	74, 49.022, 101.881
Yxy	46.6597, 0.3926, 0.4470
Android (android.graphics.Color)	4290820443 (0xFFC0B95B)
YUV	176.3770, -42.0909, 13.7014
Hunter-Lab	68.3079, -12.4630, 33.2820

# Details

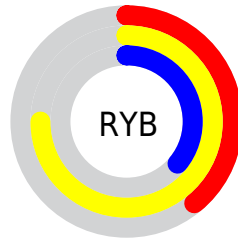
The Hex color **C0B95B** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5B62C0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FAF190**, and **888428** is the 20% darker color. If you saturate the color by 10%, you get **C0B848**, and if you desaturate by 10%, it is **C0BA6E**.

# Distribution



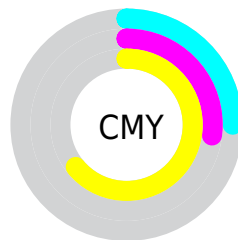
- Red (75%)
- Green (73%)
- Blue (36%)



- Red (39%)
- Yellow (75%)
- Blue (36%)



- Cyan (0%)
- Magenta (4%)
- Yellow (53%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0B95B 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 C0B95B by changing the saturation by 10% instead.



 C0B95B

 C0B95B

FFFFFF

 A49E41

 FAF190

 888428

 FFFFAB

 6D6B09

 FFFFC7

 535300

 FFFFFE3

 3A3C00

 212700

 001300

 000000

 C0B95B

 C0B95B

 C0B848

 C0BA6E

 C0B635

 C0BC81

 C0B521

 C0BD95

 C0B40E

 C0BEA8

 C0B300

 C0C0BB

 C0C1CE

 C0C2E1

 C0C4F5

 C0C5FF

# Harmonies

## Analogous

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



E8AA60



C0B95B



8FC471

# Triad

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



C0B95B



00CAF1



FB95D3

# Complementary

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



C0B95B



5B62C0

# 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.



D1A3F9



C0B95B



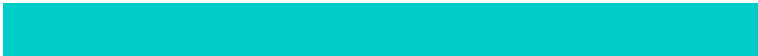
00C2FF

# Square

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



C0B95B



00CDC7



8DB4FF



FF91A5

# Rectangle

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



C0B95B



67C98A



8DB4FF



F099E1

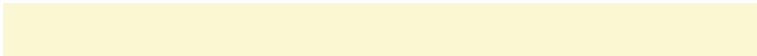


# Sweetspot

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



C0B95B



FAF7D2



C05B63



7D7B65



FCFCFC



7D7D7D



# Same Dimension

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



C0B95B



FAEF5C



96C05B



616057



A19600



211F00



# Inverse Universe

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



5B62C0



5C67FA



855BC0



575861



000BA1



000221



# Previews

## White Background



This preview shows how the Hex color C0B95B looks on a white background.

## Color Contrast Check

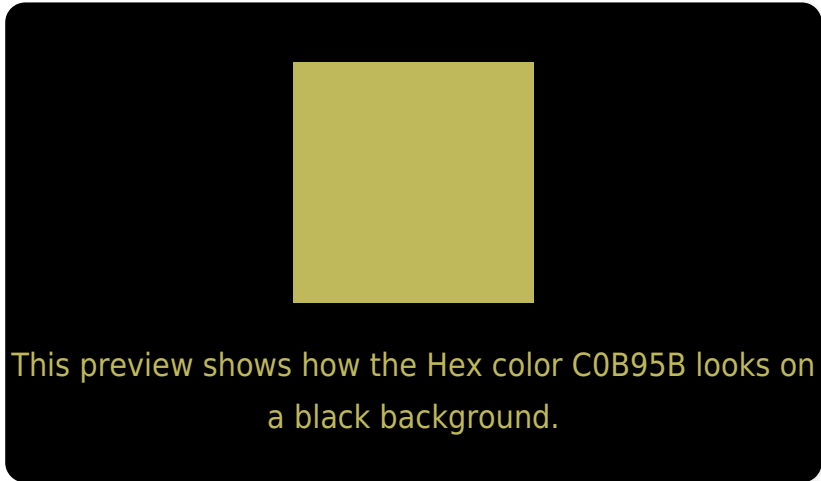
Large Text (above 18pt) WCAG AA × Fail

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

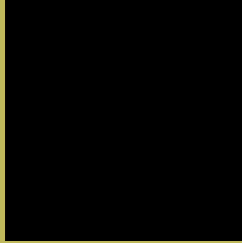
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0B95B Background



This preview shows how black text looks on a background with the Hex color C0B95B.



This preview shows how white text looks on a background with the Hex color C0B95B.

# 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**  
C0B95B

**Protanopia**  
C9B65A

**Deuteranopia**  
DFAD5E



# Trichromacy



**Original Color**  
C0B95B

**Protanomaly**  
C6B75A

**Deuteranomaly**  
D4B15D

**Tritanomaly**  
C6B299

# Monochromacy



**Original Color**  
C0B95B

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
B6B391

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0B95B 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 #C0B95B looks like.

```
.text, #text, p{  
    color:#C0B95B  
}
```

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 #C0B95B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0B95B
}
```

## Border

The CSS property to change the border of an element to Hex C0B95B 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
#C0B95B }
```

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

```
.border{ border-color:#C0B95B }
```

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

Here you see how a box with a 4 pixel #C0B95B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0B95B; -webkit-box-shadow:4px 4px  
4px 4px #C0B95B; box-shadow:4px 4px 4px  
4px #C0B95B }
```

# Background

The CSS property to change the background color of an element to Hex C0B95B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0B95B }
```

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

```
.background{ background-color:#C0B95B }
```

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