

Converting Colors

Hex(C0B563)

Have a look what the booklet for
Hex(C0B563) contains.

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Color

Hex(C0B563)

Conversions

Conversions Part 1

Format	Color
Hex	C0B563
RGB	192, 181, 99
RGB Percent	75%, 71%, 39%
CMY	0.2471, 0.2902, 0.6118
CMYK	0.00, 0.06, 0.48, 0.25
HSL	53°, 42%, 57%
HSV	53°, 48%, 75%
XYZ	40.5142, 45.1551, 18.3849
YIQ	174.9410, 32.8780, -23.1700

Conversions

Conversions Part 2

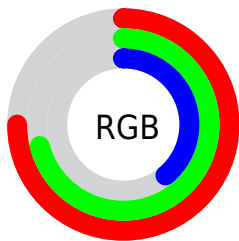
Format	Color
RYB	111, 192, 99
Decimal	12629347
CIELab	72.99, -7.30, 42.90
CIELCh	73, 43.512, 99.660
Yxy	45.1551, 0.3894, 0.4340
Android (android.graphics.Color)	4290819427 (0xFFC0B563)
YUV	174.9410, -37.4389, 14.9607
Hunter-Lab	67.1975, -9.9758, 30.8169

Details

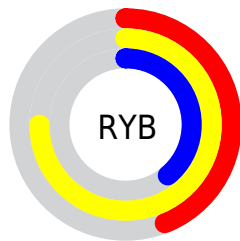
The Hex color **C0B563** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **636EC0**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FAED97**, and **898031** is the 20% darker color. If you saturate the color by 10%, you get **C0B350**, and if you desaturate by 10%, it is **C0B776**.

Distribution



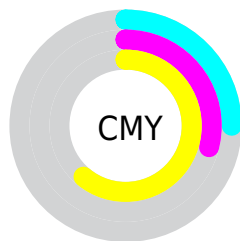
- Red (75%)
- Green (71%)
- Blue (39%)



- Red (44%)
- Yellow (75%)
- Blue (39%)



- Cyan (0%)
- Magenta (6%)
- Yellow (48%)
- Black (25%)



- Cyan (25%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0B563 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 C0B563 by changing the saturation by 10% instead.

 C0B563

 C0B563

FFFFFF

 A49A4A

 FAED97

 898031

 FFFFB3

 6E6717

 FFFFCE

 545000

 FFFFEB

 3B3900

 222400

 000F00

 000000

 C0B563

 C0B563

 C0B350

 C0B776

 C0B03D

 C0BA89

 C0AE29

 C0BC9D

 C0AC16

 C0BEB0

 C0AA03

 C0C0C3

 C0A900

 C0C3D6

 C0C5E9

 C0C7FD

 C0C9FF

Harmonies

Analogous

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



E3A769



C0B563



95C074

Triad

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



C0B563



00C6E5



EF97D0

Complementary

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



C0B563



636EC0

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.



C8A4F1



C0B563



39BFFD

Square

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



C0B563



00C8BF



8CB3FF



FF93A8

Rectangle

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



C0B563



73C48A



8CB3FF



E59BDC

Sweetspot

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



C0B563



FAF5D4



C0636F



7D7A66



FCFCFC



7D7D7D

Same Dimension

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



C0B563



FAE969



9EC063



616057



A18E00



211D00

Inverse Universe

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



636EC0



697AFA



8563C0



575861



0013A1



000421

Previews

White Background



This preview shows how the Hex color C0B563 looks on a white background.

Color Contrast Check

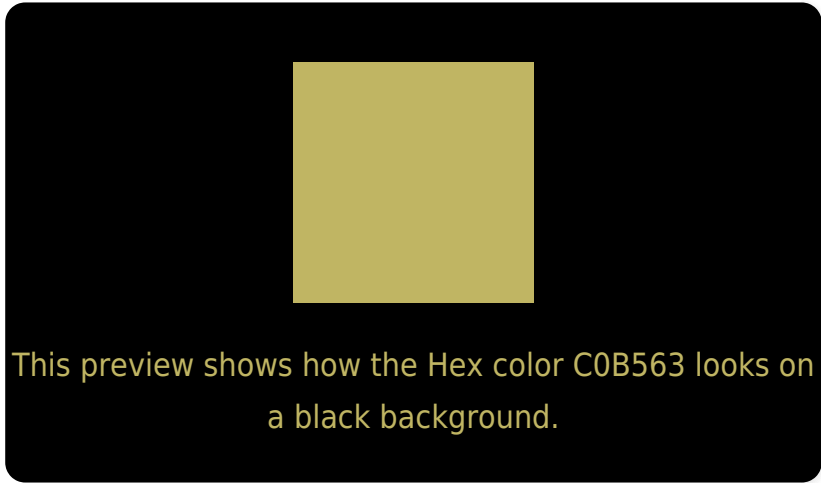
Large Text (above 18pt) WCAG AA × Fail

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 C0B563 Background



This preview shows how black text looks on a background with the Hex color C0B563.



This preview shows how white text looks on a background with the Hex color C0B563.

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
C0B563

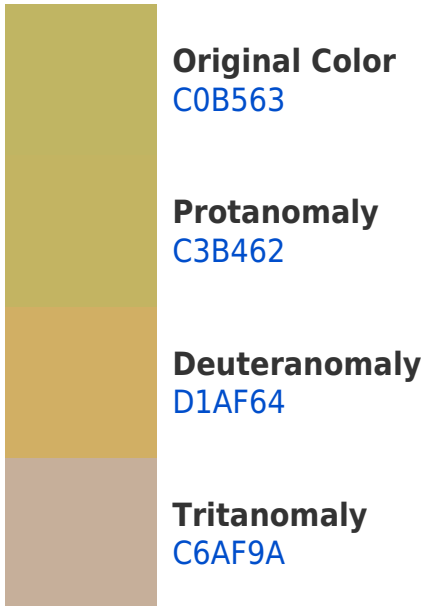
Protanopia
C5B362

Deuteranopia
DAAB65

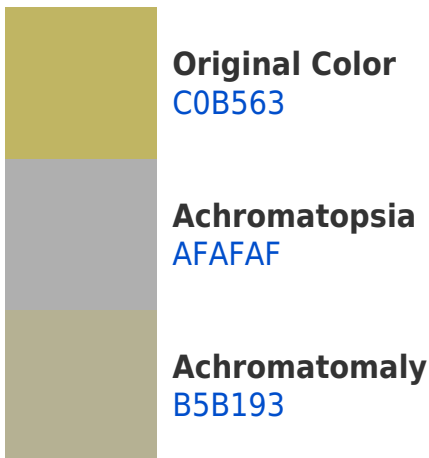


Tritanopia
C9ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0B563 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 #C0B563 looks like.

```
.text, #text, p{  
    color:#C0B563  
}
```

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 #C0B563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0B563
}
```

Border

The CSS property to change the border of an element to Hex C0B563 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
#C0B563 }
```

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

```
.border{ border-color:#C0B563 }
```

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

Here you see how a box with a 4 pixel #C0B563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0B563; -webkit-box-shadow:4px 4px  
4px 4px #C0B563; box-shadow:4px 4px 4px  
4px #C0B563 }
```

Background

The CSS property to change the background color of an element to Hex C0B563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0B563 }
```

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

```
.background{ background-color:#C0B563 }
```

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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