

Converting Colors

Hex(C0AF55)

Have a look what the booklet for
Hex(C0AF55) contains.

Hex(C0AF55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C0AF55)

Conversions

Conversions Part 1

Format	Color
Hex	C0AF55
RGB	192, 175, 85
RGB Percent	75%, 69%, 33%
CMY	0.2471, 0.3137, 0.6667
CMYK	0.00, 0.09, 0.56, 0.25
HSL	50°, 46%, 54%
HSV	50°, 56%, 75%
XYZ	38.7079, 42.5223, 14.7618
YIQ	169.8230, 39.0220, -24.3860

Conversions

Conversions Part 2

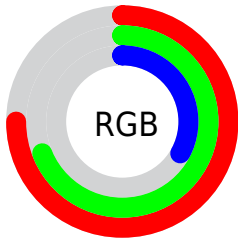
Format	Color
RYB	105, 192, 85
Decimal	12627797
CIELab	71.23, -5.37, 47.65
CIELCh	71, 47.954, 96.434
Yxy	42.5223, 0.4032, 0.4430
Android (android.graphics.Color)	4290817877 (0xFFC0AF55)
YUV	169.8230, -41.8177, 19.4492
Hunter-Lab	65.2091, -8.1590, 32.2245

Details

The Hex color **C0AF55** 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 **5566C0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FAE689**, and **887B22** is the 20% darker color. If you saturate the color by 10%, you get **C0AC42**, and if you desaturate by 10%, it is **C0B268**.

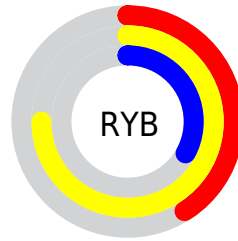
Distribution



Red (75%)

Green (69%)

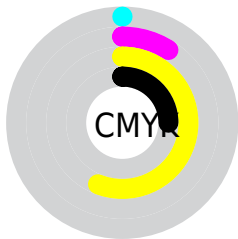
Blue (33%)



Red (41%)

Yellow (75%)

Blue (33%)

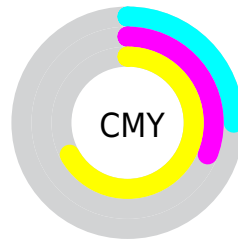


Cyan (0%)

Magenta (9%)

Yellow (56%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0AF55 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 C0AF55 by changing the saturation by 10% instead.

 C0AF55

 C0AF55

FFFFFF

 A4943C

 FAE689

 887B22

 FFFFA4

 6D6202

 FFFFC0

 534B00

 FFFFDC

 393400

 FFFFF9

 201F00

 000800

 000000

 C0AF55

 C0AF55

 C0AC42

 C0B268

 C0A92F

 C0B57B

 C0A61B

 C0B88F

 C0A308

 C0BBA2

 C0A100

 C0BEB5

 C0C1C8

 C0C4DB

 C0C7EF

 C0CAFF

Harmonies

Analogous

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



E5A05E



C0AF55



92BB66

Triad

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



C0AF55



00C3E1



EC90D2

Complementary

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



C0AF55



5566C0

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.



BF9FF5



C0AF55



00BCFE

Square

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



C0AF55



00C5B7



77B0FF



FF8AA7

Rectangle

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



C0AF55



6DC07C



77B0FF



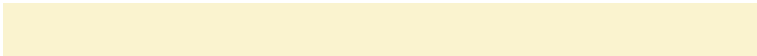
E095DF

Sweetspot

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



C0AF55



FAF3CF



C05567



7D7964



FCFCFC



7D7D7D

Same Dimension

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



C0AF55



FADF52



9CC055



615F57



A18700



211C00

Inverse Universe

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



5566C0



526DFA



7955C0



575961



001AA1



000521

Previews

White Background



This preview shows how the Hex color C0AF55 looks on a white background.

Color Contrast Check

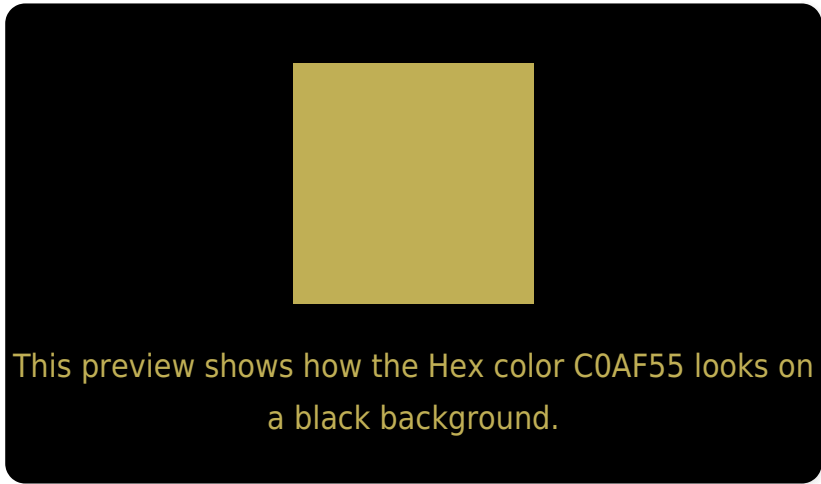
Large Text (above 18pt) WCAG AA × Fail

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 C0AF55 Background



This preview shows how black text looks on a background with the Hex color C0AF55.



This preview shows how white text looks on a background with the Hex color C0AF55.

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
C0AF55

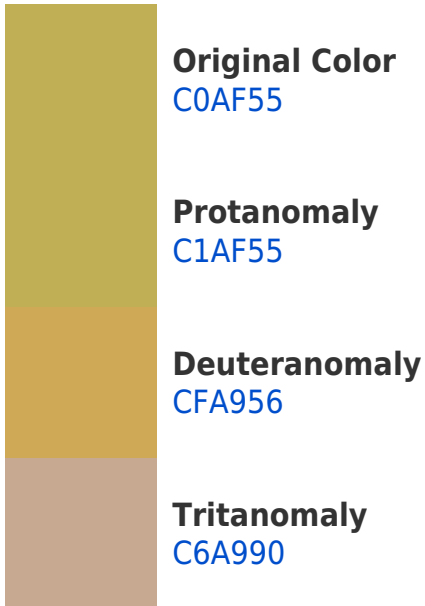
Protanopia
C1AF55

Deuteranopia
D7A657

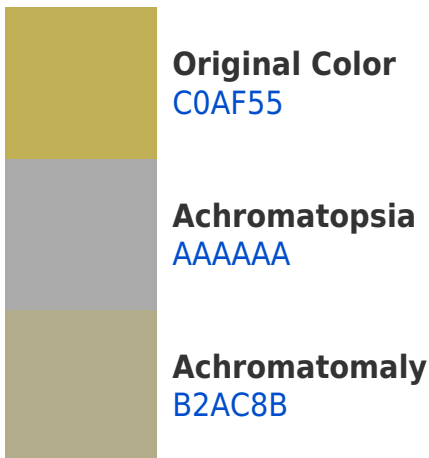


Tritanopia
C9A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0AF55 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 #C0AF55 looks like.

```
.text, #text, p{  
    color:#C0AF55  
}
```

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 #C0AF55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0AF55  
}
```

Border

The CSS property to change the border of an element to Hex C0AF55 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  
#C0AF55 }
```

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

```
.border{ border-color:#C0AF55 }
```

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

Here you see how a box with a 4 pixel #C0AF55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0AF55; -webkit-box-shadow:4px 4px  
4px 4px #C0AF55; box-shadow:4px 4px 4px  
4px #C0AF55 }
```

Background

The CSS property to change the background color of an element to Hex C0AF55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0AF55 }
```

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

```
.background{ background-color:#C0AF55 }
```

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