

Converting Colors

Hex(C0AE5F)

Have a look what the booklet for
Hex(C0AE5F) contains.

Hex(C0AE5F)	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(C0AE5F)

Conversions

Conversions Part 1

Format	Color
Hex	C0AE5F
RGB	192, 174, 95
RGB Percent	75%, 68%, 37%
CMY	0.2471, 0.3176, 0.6275
CMYK	0.00, 0.09, 0.51, 0.25
HSL	49°, 43%, 56%
HSV	49°, 51%, 75%
XYZ	38.9398, 42.3048, 16.9398
YIQ	170.3760, 36.0870, -20.7530

Conversions

Conversions Part 2

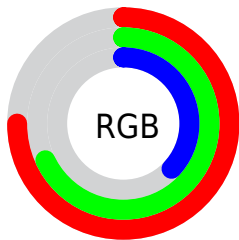
Format	Color
RYB	117, 192, 95
Decimal	12627551
CIELab	71.08, -3.99, 42.57
CIELCh	71, 42.759, 95.358
Yxy	42.3048, 0.3966, 0.4309
Android (android.graphics.Color)	4290817631 (0xFFC0AE5F)
YUV	170.3760, -37.1604, 18.9642
Hunter-Lab	65.0421, -6.9582, 30.0878

Details

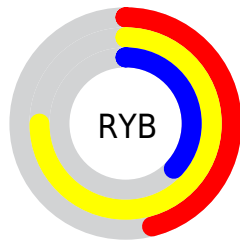
The Hex color **C0AE5F** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5F71C0**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FAE593**, and **887A2D** is the 20% darker color. If you saturate the color by 10%, you get **C0AA4C**, and if you desaturate by 10%, it is **C0B272**.

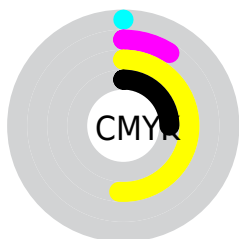
Distribution



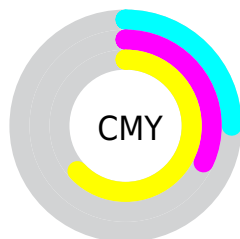
- Red (75%)
- Green (68%)
- Blue (37%)



- Red (46%)
- Yellow (75%)
- Blue (37%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (25%)



- Cyan (25%)
- Magenta (32%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0AE5F 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 C0AE5F by changing the saturation by 10% instead.



C0AE5F



C0AE5F

FFFFFF



A49446



FAE593



887A2D



FFFFAE



6E6114



FFFFCA



534A00



FFFFE7



3B3300



221E00



000700



000000



C0AE5F



C0AE5F

 C0AA4C

 C0B272

 C0A739

 C0B585

 C0A325

 C0B999

 C0A012

 C0BCAC

 C09C00

 C0C0BF

 C0C3D2

 C0C7E5

 C0CBF9

 C0CEFF

Harmonies

Analogous

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



E1A068



C0AE5F



97B96D

Triad

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



C0AE5F



00C1DA



E494CF

Complementary

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



C0AE5F



5F71C0

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.



BBA1EE



C0AE5F



24BBF4

Square

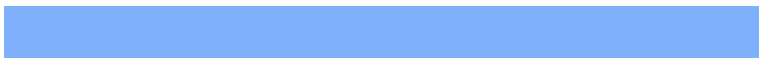
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C0AE5F



18C3B4



7EB0FB



F88FA8

Rectangle

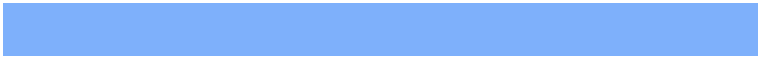
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C0AE5F



77BE80



7EB0FB



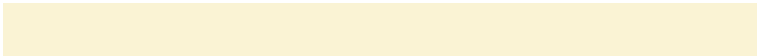
D998DB

Sweetspot

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



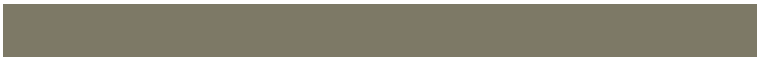
C0AE5F



FAF3D4



C05F72



7D7966



FCFCFC



7D7D7D

Same Dimension

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



C0AE5F



FADE61



A3C05F



615F57



A18300



211B00

Inverse Universe

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



5F71C0



617EFA



7C5FC0



575961



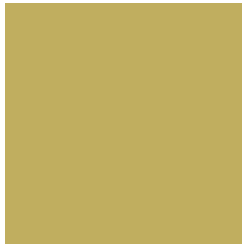
001EA1



000621

Previews

White Background



This preview shows how the Hex color C0AE5F looks on a white background.

Color Contrast Check

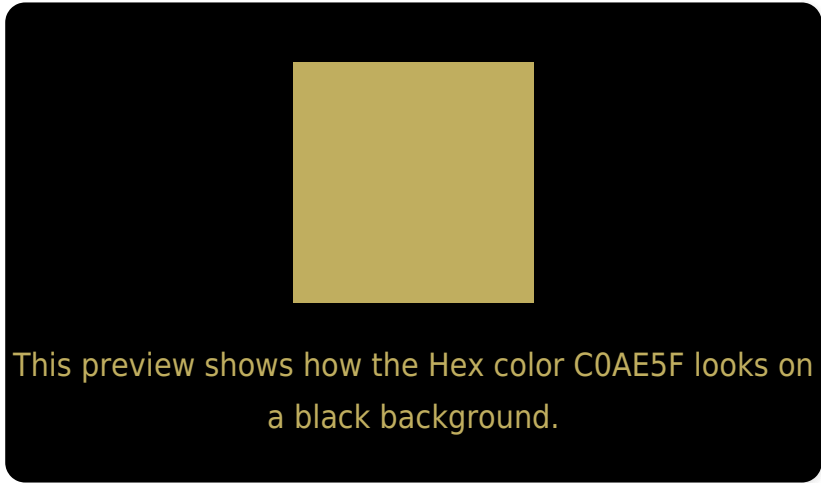
Large Text (above 18pt) WCAG AA × Fail

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

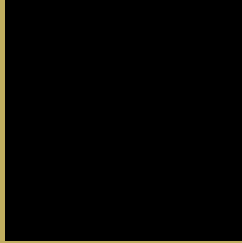
Any Text WCAG AA ✓ Pass

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 C0AE5F Background



This preview shows how black text looks on a background with the Hex color C0AE5F.



This preview shows how white text looks on a background with the Hex color C0AE5F.

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
C0AE5F

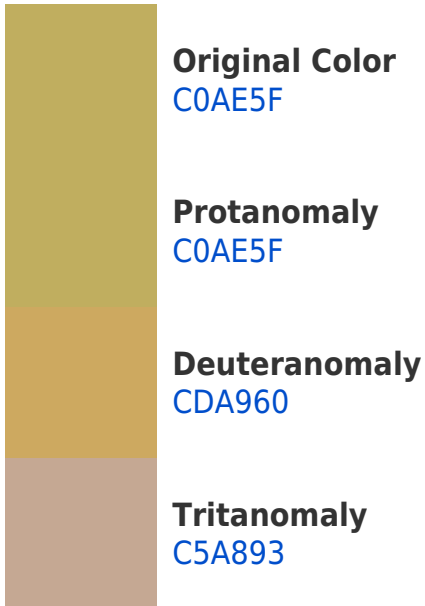
Protanopia
C0AE5F

Deuteranopia
D5A661



Tritanopia
C8A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0AE5F 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 #C0AE5F looks like.

```
.text, #text, p{  
    color:#C0AE5F  
}
```

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 #C0AE5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0AE5F
}
```

Border

The CSS property to change the border of an element to Hex C0AE5F 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
#C0AE5F }
```

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

```
.border{ border-color:#C0AE5F }
```

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

Here you see how a box with a 4 pixel #C0AE5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0AE5F; -webkit-box-shadow:4px 4px  
4px 4px #C0AE5F; box-shadow:4px 4px 4px  
4px #C0AE5F }
```

Background

The CSS property to change the background color of an element to Hex C0AE5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0AE5F }
```

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

```
.background{ background-color:#C0AE5F }
```

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