

Converting Colors

Hex(C6AF63)

Have a look what the booklet for
Hex(C6AF63) contains.

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Color

Hex(C6AF63)

Conversions

Conversions Part 1

Format	Color
Hex	C6AF63
RGB	198, 175, 99
RGB Percent	78%, 69%, 39%
CMY	0.2235, 0.3137, 0.6118
CMYK	0.00, 0.12, 0.50, 0.22
HSL	46°, 46%, 58%
HSV	46°, 50%, 78%
XYZ	40.8708, 43.5666, 18.0594
YIQ	173.2130, 38.1040, -18.7600

Conversions

Conversions Part 2

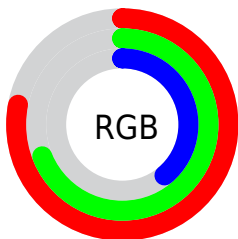
Format	Color
RYB	129, 198, 99
Decimal	13021027
CIELab	71.94, -1.65, 41.73
CIElCh	72, 41.763, 92.262
Yxy	43.5666, 0.3988, 0.4251
Android (android.graphics.Color)	4291211107 (0xFFC6AF63)
YUV	173.2130, -36.5870, 21.7382
Hunter-Lab	66.0050, -4.9801, 29.9813

Details

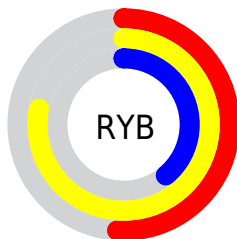
The Hex color **C6AF63** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **637AC6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE697**, and **8E7B31** is the 20% darker color. If you saturate the color by 10%, you get **C6AA4F**, and if you desaturate by 10%, it is **C6B477**.

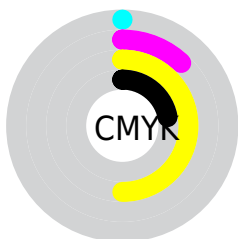
Distribution



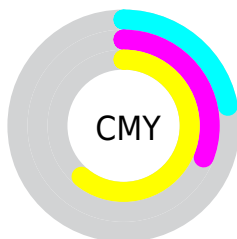
- Red (78%)
- Green (69%)
- Blue (39%)



- Red (51%)
- Yellow (78%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (50%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6AF63 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 C6AF63 by changing the saturation by 10% instead.



C6AF63



C6AF63

FFFFFF



AA944A



FFE697



8E7B31



FFFFB2



736218



FFFFCE



594A00



FFFFEB



403400



261F00



070800



000000



C6AF63



C6AF63

 C6AA4F

 C6B477

 C6A63B

 C6B88B

 C6A128

 C6BD9E

 C69D14

 C6C1B2

 C69800

 C6C6C6

 C6CBDA

 C6CFEE

 C6D4FF

 C6D8FF

Harmonies

Analogous

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



E5A26E



C6AF63



9EBA6E

Triad

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



C6AF63



00C3D8



E398D4

Complementary

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



C6AF63



637AC6

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.



B8A5F1



C6AF63



28BEF3

Square

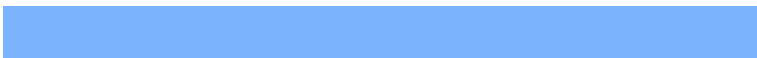
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C6AF63



32C4B2



7BB3FC



F892AF

Rectangle

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



C6AF63



80BF80



7BB3FC



D79CDF

Sweetspot

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



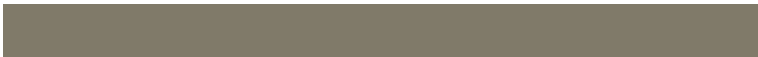
C6AF63



FFF6D9



C6637A



807A69



000000



808080

Same Dimension

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



C6AF63



FFDB66



ACC663



63615A



A37D00



241B00

Inverse Universe

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



637AC6



668AFF



7D63C6



5A5C63



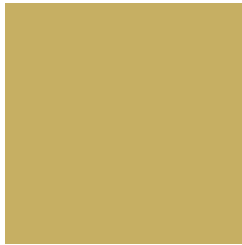
0026A3



000824

Previews

White Background



This preview shows how the Hex color C6AF63 looks on a white background.

Color Contrast Check

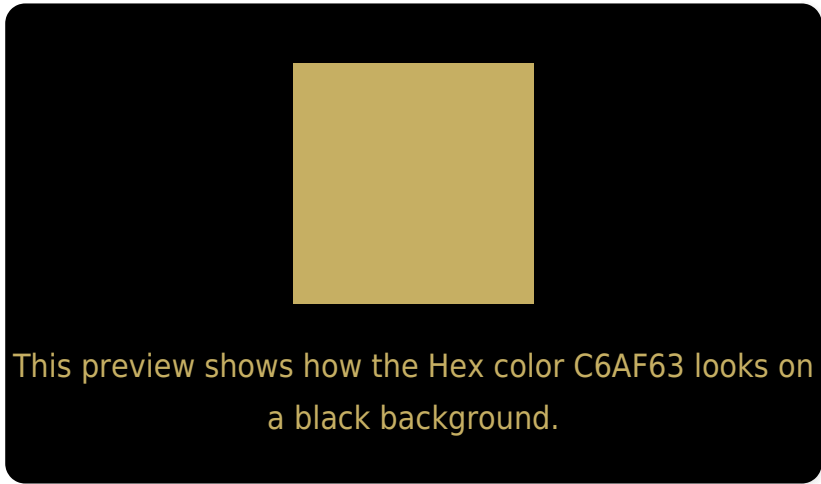
Large Text (above 18pt) WCAG AA × Fail

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

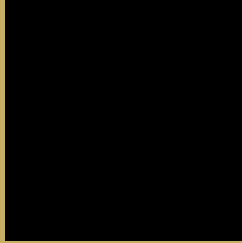
Any Text WCAG AA ✓ Pass

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 C6AF63 Background



This preview shows how black text looks on a background with the Hex color C6AF63.

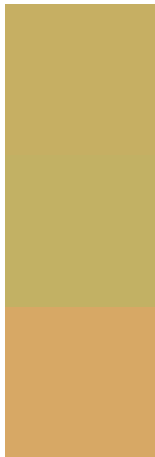


This preview shows how white text looks on a background with the Hex color C6AF63.

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

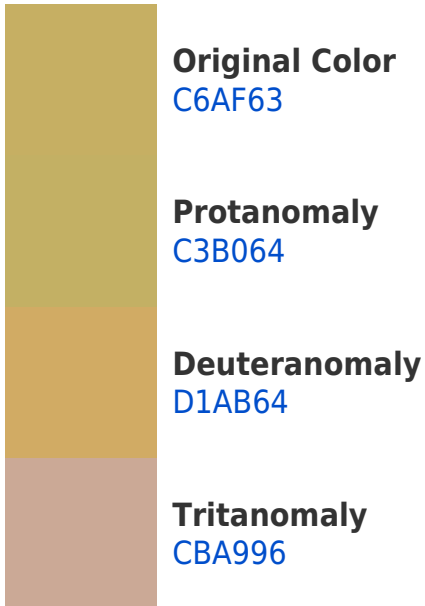


Original Color
C6AF63

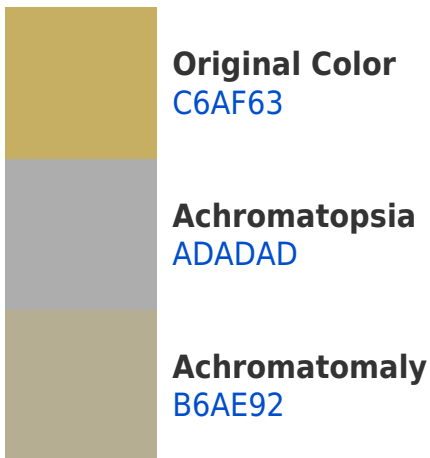
Protanopia
C2B164

Deuteranopia
D7A865

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6AF63 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 #C6AF63 looks like.

```
.text, #text, p{  
    color:#C6AF63  
}
```

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 #C6AF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6AF63
}
```

Border

The CSS property to change the border of an element to Hex C6AF63 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
#C6AF63 }
```

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

```
.border{ border-color:#C6AF63 }
```

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

Here you see how a box with a 4 pixel #C6AF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6AF63; -webkit-box-shadow:4px 4px  
4px 4px #C6AF63; box-shadow:4px 4px 4px  
4px #C6AF63 }
```

Background

The CSS property to change the background color of an element to Hex C6AF63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6AF63 }
```

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

```
.background{ background-color:#C6AF63 }
```

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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