

Converting Colors

Hex(C6AF66)

Have a look what the booklet for
Hex(C6AF66) contains.

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Color

Hex(C6AF66)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C6AF66 |
| RGB | 198, 175, 102 |
| RGB Percent | 78%, 69%, 40% |
| CMY | 0.2235, 0.3137, 0.6000 |
| CMYK | 0.00, 0.12, 0.48, 0.22 |
| HSL | 46°, 46%, 59% |
| HSV | 46°, 48%, 78% |
| XYZ | 41.0169, 43.6250, 18.8290 |
| YIQ | 173.5550, 37.1410, -17.8270 |

Conversions

Conversions Part 2

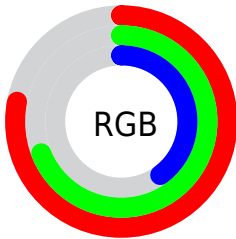
| Format | Color |
|-------------------------------------|---|
| RYB | 132, 198, 102 |
| Decimal | 13021030 |
| CIELab | 71.98, -1.37, 40.26 |
| CIELCh | 72, 40.282, 91.947 |
| Yxy | 43.6250, 0.3964, 0.4216 |
| Android (android.graphics.Color) | 4291211110 (0xFFC6AF66) |
| YUV | 173.5550, -35.2766, 21.4383 |
| Hunter-Lab | 66.0492, -4.7367, 29.3323 |

Details

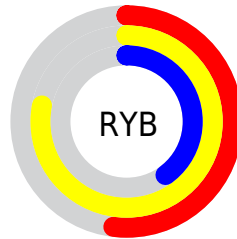
The Hex color **C6AF66** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **667DC6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE69A**, and **8E7B35** is the 20% darker color. If you saturate the color by 10%, you get **C6AA52**, and if you desaturate by 10%, it is **C6B47A**.

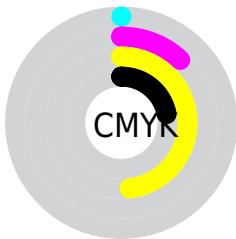
Distribution



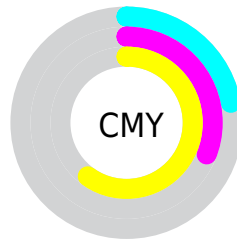
- Red (78%)
- Green (69%)
- Blue (40%)



- Red (52%)
- Yellow (78%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (48%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6AF66 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 C6AF66 by changing the saturation by 10% instead.



C6AF66



C6AF66

FFFFFF



AA944D



FFE69A



8E7B35



FFFFB6



73621C



FFFFD2



594A01



FFFEE



403400



271F00



080800



000000



C6AF66



C6AF66

 C6AA52

 C6B47A

 C6A63E

 C6B88E

 C6A12B

 C6BDA1

 C69C17

 C6C2B5

 C69703

 C6C7C9

 C69700

 C6CBDD

 C6D0F1

 C6D5FF

 C6DAFF

Harmonies

Analogous

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



E4A270



C6AF66



9FBA71

Triad

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



C6AF66



00C3D6



E199D4

Complementary

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



C6AF66



667DC6

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.



B8A6EF



C6AF66



35BDF0

Square

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



C6AF66



3CC4B2



7EB3FA



F693AF

Rectangle

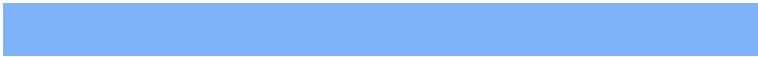
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6AF66



82BF82



7EB3FA



D59DDE

Sweetspot

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



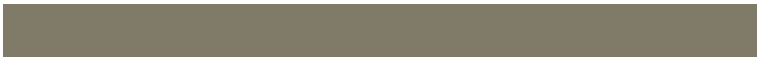
C6AF66



FFF6D9



C6667E



807A69



000000



808080

Same Dimension

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



C6AF66



FFDC6B



AEC666



63615A



A37C00



241B00

Inverse Universe

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



667DC6



6B8FFF



7E66C6



5A5C63



0027A3



000924

Previews

White Background



This preview shows how the Hex color C6AF66 looks on a white background.

Color Contrast Check

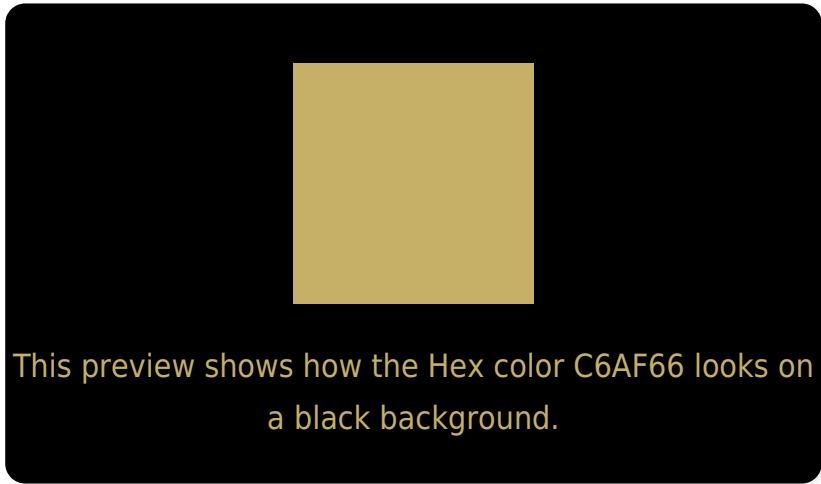
Large Text (above 18pt) WCAG AA × Fail

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 C6AF66 Background



This preview shows how black text looks on a background with the Hex color C6AF66.

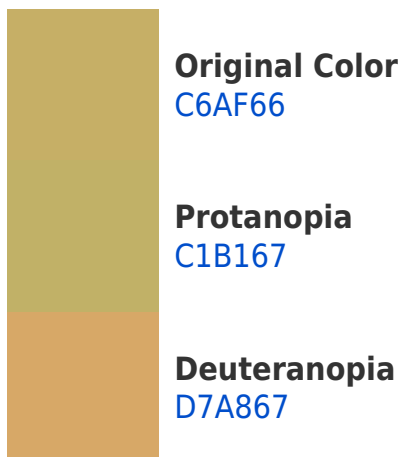


This preview shows how white text looks on a background with the Hex color C6AF66.

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](#).

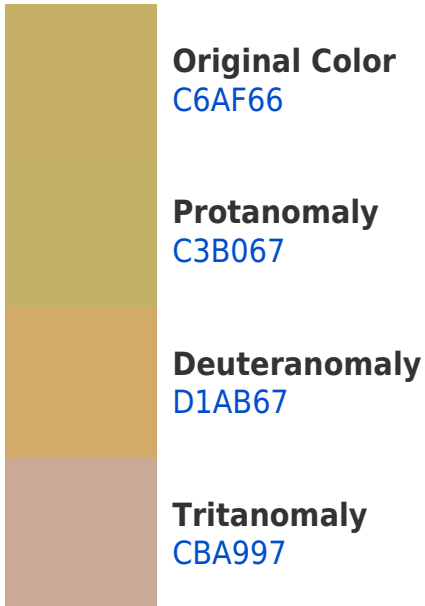
Dichromacy





Tritanopia
CEA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6AF66 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 #C6AF66 looks like.

```
.text, #text, p{  
    color:#C6AF66  
}
```

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 #C6AF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6AF66  
}
```

Border

The CSS property to change the border of an element to Hex C6AF66 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  
#C6AF66 }
```

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

```
.border{ border-color:#C6AF66 }
```

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

Here you see how a box with a 4 pixel #C6AF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6AF66; -webkit-box-shadow:4px 4px  
4px 4px #C6AF66; box-shadow:4px 4px 4px  
4px #C6AF66 }
```

Background

The CSS property to change the background color of an element to Hex C6AF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6AF66 }
```

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

```
.background{ background-color:#C6AF66 }
```

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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