

# Converting Colors

Hex(C6A745)

Have a look what the booklet for  
Hex(C6A745) contains.

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**Color**

**Hex(C6A745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6A745
RGB	198, 167, 69
RGB Percent	78%, 65%, 27%
CMY	0.2235, 0.3451, 0.7294
CMYK	0.00, 0.16, 0.65, 0.22
HSL	46°, 53%, 52%
HSV	46°, 65%, 78%
XYZ	38.1816, 40.0729, 11.3527
YIQ	165.0970, 49.9340, -23.9060

# Conversions

## Conversions Part 2

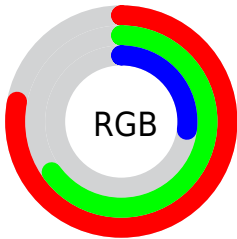
Format	Color
<a href="#">RYB</a>	<a href="#">110, 198, 69</a>
Decimal	<a href="#">13018949</a>
CIELab	<a href="#">69.52, 0.30, 53.32</a>
CIElCh	<a href="#">70, 53.318, 89.676</a>
Yxy	<a href="#">40.0729, 0.4261, 0.4472</a>
Android (android.graphics.Color)	<a href="#">4291209029 (0xFFC6A745)</a>
YUV	<a href="#">165.0970, -47.3758, 28.8559</a>
Hunter-Lab	<a href="#">63.3031, -3.1173, 33.6792</a>

# Details

The Hex color **C6A745** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4564C6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDE79**, and **8D730B** is the 20% darker color. If you saturate the color by 10%, you get **C6A231**, and if you desaturate by 10%, it is **C6AC59**.

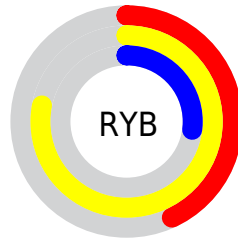
# Distribution



Red (78%)

Green (65%)

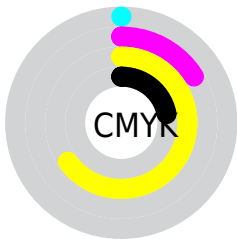
Blue (27%)



Red (43%)

Yellow (78%)

Blue (27%)

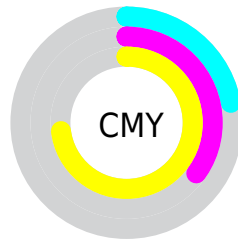


Cyan (0%)

Magenta (16%)

Yellow (65%)

Black (22%)



Cyan (22%)

Magenta (35%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6A745 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 C6A745 by changing the saturation by 10% instead.



 C6A745

FFFFFF

 FFDE79

 FFFA94

 FFFFB0

 FFFFCC

 FFFFFE9


 C6A745

 C6A231

 C6A745

 A98D2B

 8D730B

 715B00

 564400

 3C2E00

 231A00

 000000

 C6A745

 C6AC59

 C69D1D

 C6B16D

 C6990A

 C6B580

 C69600

 C6BA94

 C6BFA8

 C6C4BC

 C6C8D0

 C6CDE3

 C6D2F7

# Harmonies

## Analogous

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



EC9557



C6A745



95B552

# Triad

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



C6A745



00C1D8



E58BDB

# Complementary

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



C6A745



4564C6

# 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.



AB9DFE



C6A745



00BBFC

# Square

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



C6A745



00C2A8



49AFFF



FF80AC

# Rectangle

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



C6A745



6EBC69



49AFFF



D590E9



# Sweetspot

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



C6A745



FFF3CC



C64565



807861



000000



808080



# Same Dimension

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



C6A745



FFCF38



A6C645



63615A



A37C00



241B00



# Inverse Universe

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



4564C6



3868FF



6545C6



5A5C63



0027A3



000924



# Previews

## White Background



This preview shows how the Hex color C6A745 looks on a white background.

## Color Contrast Check

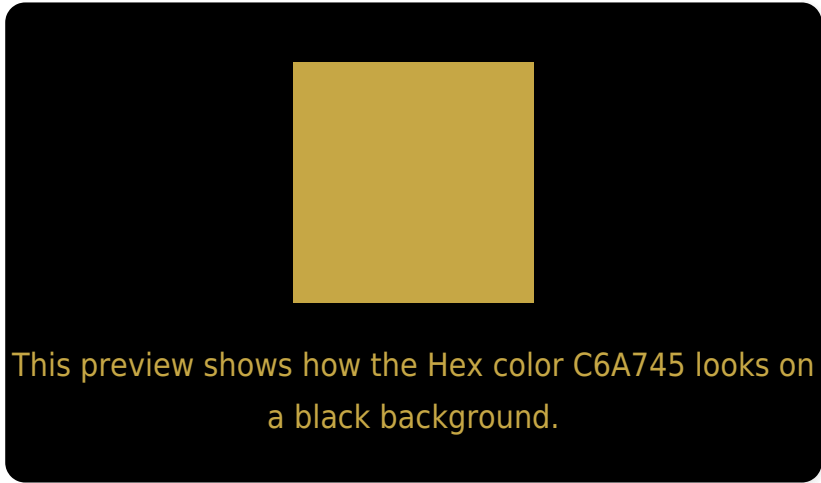
Large Text (above 18pt) WCAG AA × Fail

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 C6A745 Background



This preview shows how black text looks on a background with the Hex color C6A745.



This preview shows how white text looks on a background with the Hex color C6A745.

# 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**  
C6A745

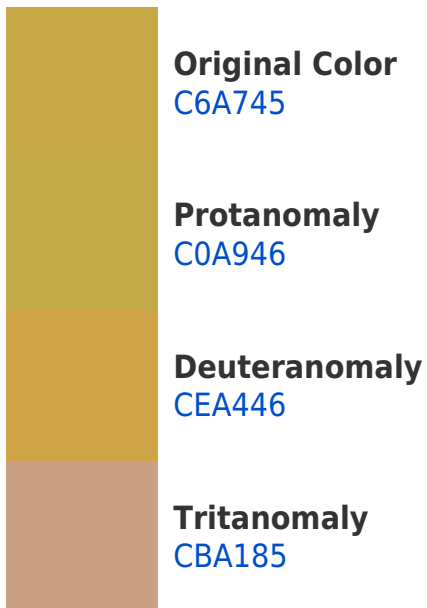
**Protanopia**  
BDAA46

**Deuteranopia**  
D3A247

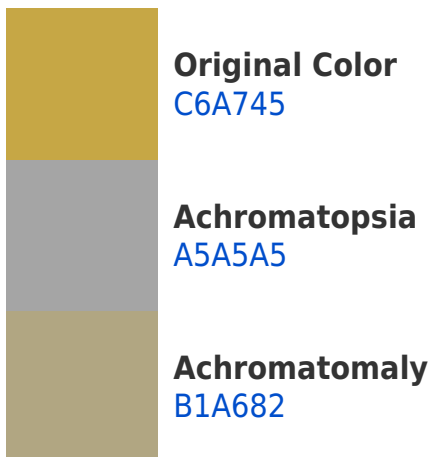


**Tritanopia**  
CE9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6A745 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 #C6A745 looks like.

```
.text, #text, p{  
    color:#C6A745  
}
```

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 #C6A745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A745
}
```

## Border

The CSS property to change the border of an element to Hex C6A745 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
#C6A745 }
```

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

```
.border{ border-color:#C6A745 }
```

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

Here you see how a box with a 4 pixel #C6A745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A745; -webkit-box-shadow:4px 4px  
4px 4px #C6A745; box-shadow:4px 4px 4px  
4px #C6A745 }
```

# Background

The CSS property to change the background color of an element to Hex C6A745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A745 }
```

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

```
.background{ background-color:#C6A745 }
```

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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