

# Converting Colors

Hex(C6A953)

Have a look what the booklet for  
Hex(C6A953) contains.

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**Color**

**Hex(C6A953)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6A953
RGB	198, 169, 83
RGB Percent	78%, 66%, 33%
CMY	0.2235, 0.3373, 0.6745
CMYK	0.00, 0.15, 0.58, 0.22
HSL	45°, 50%, 55%
HSV	45°, 58%, 78%
XYZ	39.0380, 41.0062, 14.0411
YIQ	167.8670, 44.8900, -20.5980

# Conversions

## Conversions Part 2

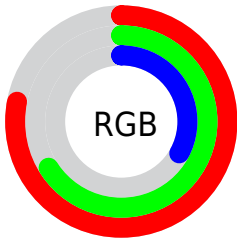
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 198, 83
Decimal	13019475
CIELab	70.18, 0.20, 47.54
CIELCh	70, 47.543, 89.760
Yxy	41.0062, 0.4149, 0.4358
Android (android.graphics.Color)	4291209555 (0xFFC6A953)
YUV	167.8670, -41.8394, 26.4266
Hunter-Lab	64.0361, -3.2452, 31.8249

# Details

The Hex color **C6A953** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5370C6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE087**, and **8D7520** is the 20% darker color. If you saturate the color by 10%, you get **C6A43F**, and if you desaturate by 10%, it is **C6AE67**.

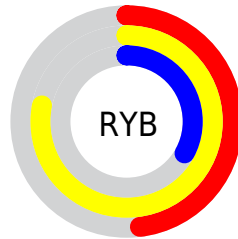
# Distribution



Red (78%)

Green (66%)

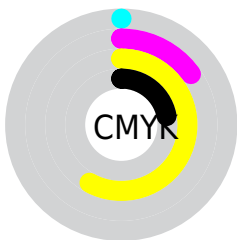
Blue (33%)



Red (48%)

Yellow (78%)

Blue (33%)

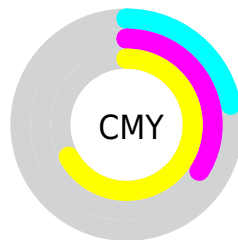


Cyan (0%)

Magenta (15%)

Yellow (58%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6A953 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 C6A953 by changing the saturation by 10% instead.





C6A953



C6A953

FFFFFF



A98F3A



FFE087



8D7520



FFFDA2



725D00



FFFFBE



574500



FFFFDA



3D2F00



FFFFF7



241B00



020000



000000



C6A953



C6A953

 C6A43F

 C6AE67

 C69F2B

 C6B37B

 C69A18

 C6B88E

 C69504

 C6BDA2

 C69400

 C6C2B6

 C6C7CA

 C6CCDE

 C6D1F1

 C6D6FF

# Harmonies

## Analogous

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



E89962



C6A953



9AB65E

# Triad

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



C6A953



00C1D5



E190D8

# Complementary

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



C6A953



5370C6

# 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.



AEA0F7



C6A953



00BBF5

# Square

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



C6A953



00C2AA



61B0FF



FA88AE

# Rectangle

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



C6A953



78BC72



61B0FF



D395E4



# Sweetspot

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



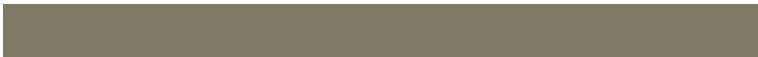
C6A953



FFF4D4



C65372



807966



000000



808080



# Same Dimension

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



C6A953



FFD24D



ABC653



63615A



A37A00



241B00



# Inverse Universe

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



5370C6



4D7AFF



6E53C6



5A5C63



0029A3



000924



# Previews

## White Background



This preview shows how the Hex color C6A953 looks on a white background.

## Color Contrast Check

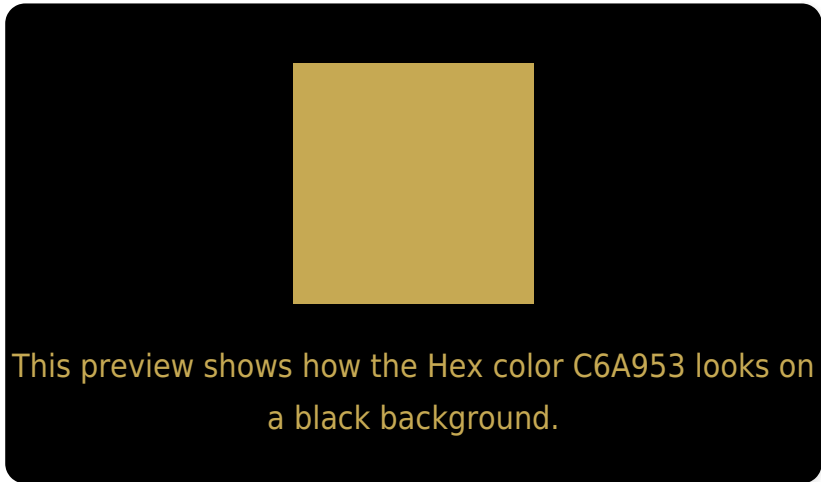
Large Text (above 18pt) WCAG AA × Fail

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 C6A953 Background



This preview shows how black text looks on a background with the Hex color C6A953.

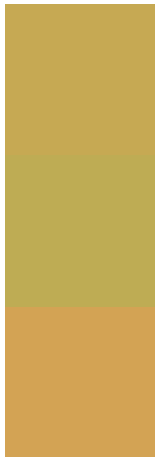


This preview shows how white text looks on a background with the Hex color C6A953.

# 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



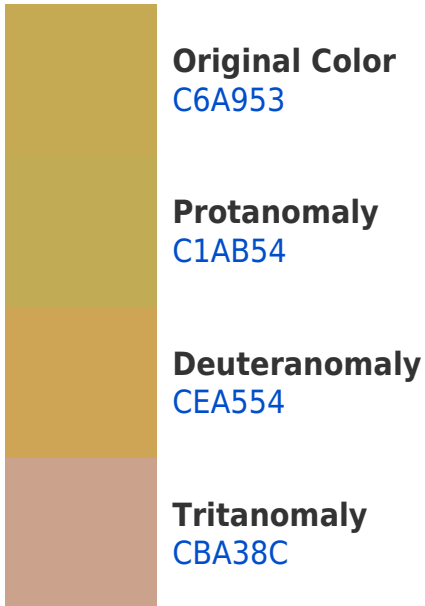
**Original Color**  
C6A953

**Protanopia**  
BEAC54

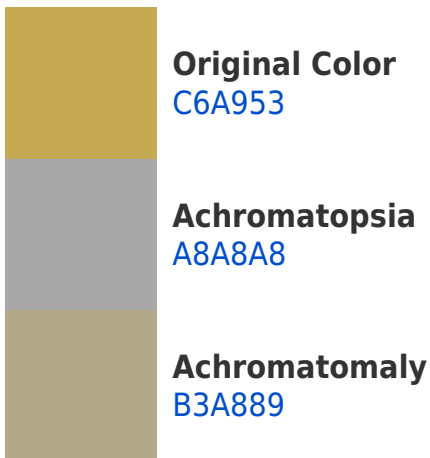
**Deuteranopia**  
D3A354



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6A953 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 #C6A953 looks like.

```
.text, #text, p{  
    color:#C6A953  
}
```

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 #C6A953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A953
}
```

## Border

The CSS property to change the border of an element to Hex C6A953 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
#C6A953 }
```

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

```
.border{ border-color:#C6A953 }
```

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

Here you see how a box with a 4 pixel #C6A953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A953; -webkit-box-shadow:4px 4px  
4px 4px #C6A953; box-shadow:4px 4px 4px  
4px #C6A953 }
```

# Background

The CSS property to change the background color of an element to Hex C6A953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A953 }
```

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

```
.background{ background-color:#C6A953 }
```

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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