

# Converting Colors

Hex(C6A56A)

Have a look what the booklet for  
Hex(C6A56A) contains.

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# **Color**

**Hex(C6A56A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6A56A
RGB	198, 165, 106
RGB Percent	78%, 65%, 42%
CMY	0.2235, 0.3529, 0.5843
CMYK	0.00, 0.17, 0.46, 0.22
HSL	38°, 45%, 60%
HSV	38°, 46%, 78%
XYZ	39.3454, 39.9566, 19.2743
YIQ	168.1410, 38.6070, -11.3530

# Conversions

## Conversions Part 2

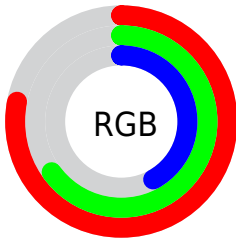
Format	Color
<a href="#">RYB</a>	<a href="#">157, 198, 106</a>
Decimal	<a href="#">13018474</a>
CIELab	<a href="#">69.44, 4.37, 35.01</a>
CIElCh	<a href="#">69, 35.282, 82.887</a>
Yxy	<a href="#">39.9566, 0.3991, 0.4053</a>
Android (android.graphics.Color)	<a href="#">4291208554</a> ( <a href="#">0xFFC6A56A</a> )
YUV	<a href="#">168.1410, -30.6355, 26.1863</a>
Hunter-Lab	<a href="#">63.2113, 0.4862, 26.1692</a>

# Details

The Hex color **C6A56A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6A8BC6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDC9E**, and **8E7139** is the 20% darker color. If you saturate the color by 10%, you get **C69E56**, and if you desaturate by 10%, it is **C6AC7E**.

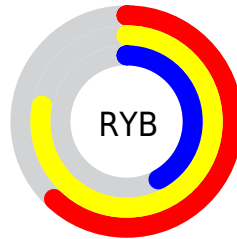
# Distribution



Red (78%)

Green (65%)

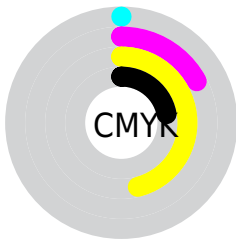
Blue (42%)



Red (62%)

Yellow (78%)

Blue (42%)

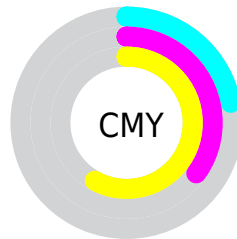


Cyan (0%)

Magenta (17%)

Yellow (46%)

Black (22%)



Cyan (22%)

Magenta (35%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6A56A 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 C6A56A by changing the saturation by 10% instead.



 C6A56A

FFFFFF

 FFDC9E

 FFF8B9

 FFFFFD5

 FFFFF2

 C6A56A

 C6A56A

 AA8B51

 8E7139

 735922

 594209

 402C00

 271800

 050000

 000000

 C6A56A

 C69E56

 C6AC7E

 C69742

 C6B392

 C6902F

 C6BAA5

 C6891B

 C6C1B9

 C68107

 C6C9CD

 C67F00

 C6D0E1

 C6D7F5

 C6DEFF

 C6E5FF

# Harmonies

## Analogous

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



DE9A78



C6A56A



A6AF6E

# Triad

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



C6A56A



35BBC1



CB99D1

# Complementary

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



C6A56A



6A8BC6

# 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.



A3A4E4



C6A56A



3EB7DC

# Square

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



C6A56A



59BAA1



70AFE8



E392B3

# Rectangle

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



C6A56A



8EB47A



70AFE8



BF9CD9



# Sweetspot

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



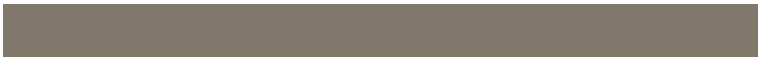
C6A56A



FFF2DB



C66A8C



80786A



000000



808080



# Same Dimension

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



C6A56A



FFCC70



BAC66A



63605A



A36900



241700

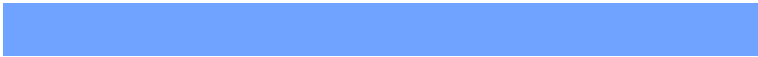


# Inverse Universe

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



6A8BC6



70A3FF



766AC6



5A5D63



003BA3

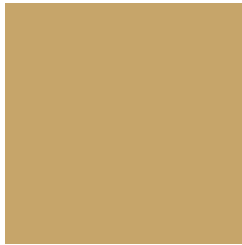


000D24



# Previews

## White Background



This preview shows how the Hex color C6A56A looks on a white background.

## Color Contrast Check

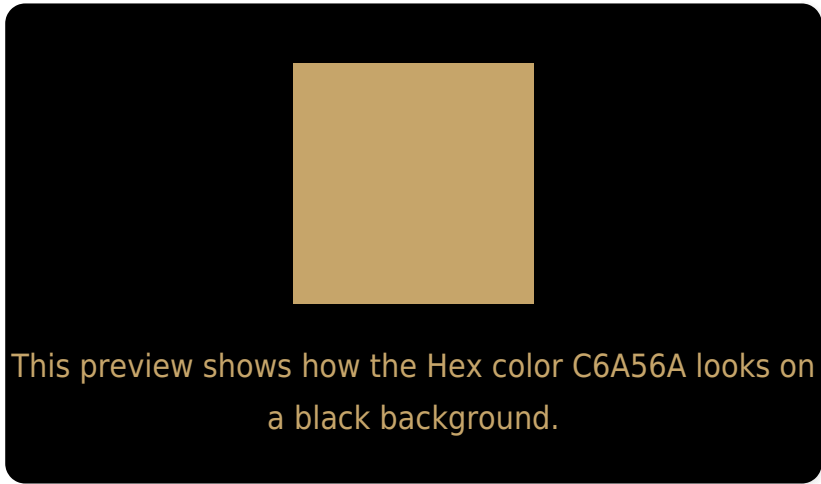
Large Text (above 18pt) WCAG AA × Fail

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

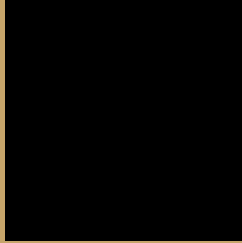
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6A56A Background



This preview shows how black text looks on a background with the Hex color C6A56A.

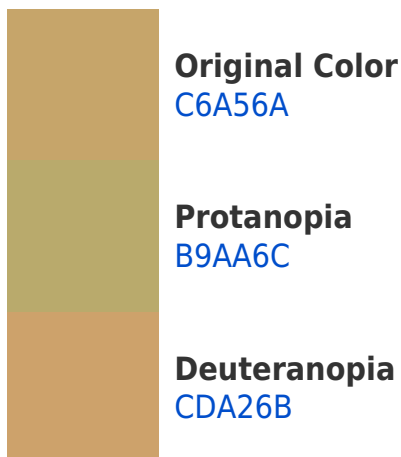


This preview shows how white text looks on a background with the Hex color C6A56A.

# 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](#).

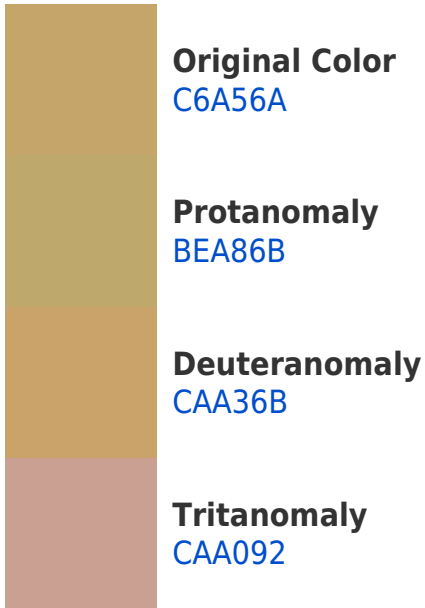
## Dichromacy



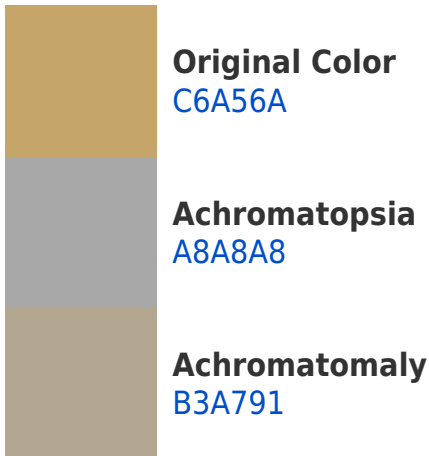


**Tritanopia**  
CC9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6A56A 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 #C6A56A looks like.

```
.text, #text, p{  
    color:#C6A56A  
}
```

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 #C6A56A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6A56A
}
```

## Border

The CSS property to change the border of an element to Hex C6A56A 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
#C6A56A }
```

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

```
.border{ border-color:#C6A56A }
```

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

Here you see how a box with a 4 pixel #C6A56A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6A56A; -webkit-box-shadow:4px 4px  
4px 4px #C6A56A; box-shadow:4px 4px 4px  
4px #C6A56A }
```

# Background

The CSS property to change the background color of an element to Hex C6A56A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6A56A }
```

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

```
.background{ background-color:#C6A56A }
```

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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