

# Converting Colors

Hex(C8A654)

Have a look what the booklet for  
Hex(C8A654) contains.

<b>Hex(C8A654)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C8A654)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8A654
RGB	200, 166, 84
RGB Percent	78%, 65%, 33%
CMY	0.2157, 0.3490, 0.6706
CMYK	0.00, 0.17, 0.58, 0.22
HSL	42°, 51%, 56%
HSV	42°, 58%, 78%
XYZ	39.0559, 40.1919, 14.0868
YIQ	166.8180, 46.5860, -18.2940

# Conversions

## Conversions Part 2

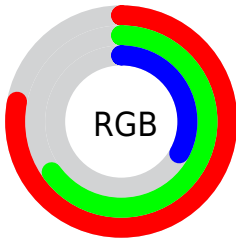
Format	Color
<a href="#">RYB</a>	<a href="#">132, 200, 84</a>
Decimal	<a href="#">13149780</a>
CIELab	<a href="#">69.61, 2.73, 46.44</a>
CIELCh	<a href="#">70, 46.523, 86.634</a>
Yxy	<a href="#">40.1919, 0.4185, 0.4306</a>
Android (android.graphics.Color)	<a href="#">4291339860 (0xFFC8A654)</a>
YUV	<a href="#">166.8180, -40.8293, 29.1006</a>
Hunter-Lab	<a href="#">63.3971, -0.9797, 31.2037</a>

# Details

The Hex color **C8A654** 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 **5476C8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDD88**, and **8F7221** is the 20% darker color. If you saturate the color by 10%, you get **C8A040**, and if you desaturate by 10%, it is **C8AC68**.

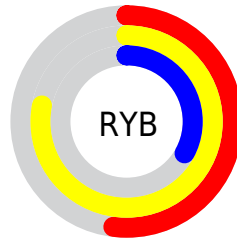
# Distribution



Red (78%)

Green (65%)

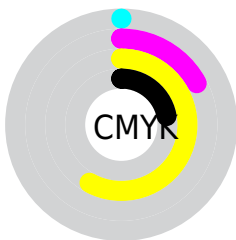
Blue (33%)



Red (52%)

Yellow (78%)

Blue (33%)

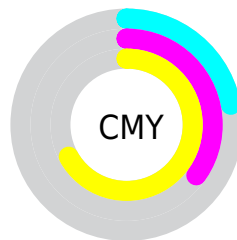


Cyan (0%)

Magenta (17%)

Yellow (58%)

Black (22%)



Cyan (22%)

Magenta (35%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8A654 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 C8A654 by changing the saturation by 10% instead.





C8A654



C8A654

FFFFFF



AB8C3B



FFDD88



8F7221



FFF9A3



745A03



FFFFBE



594300



FFFFDB



3F2D00



FFFFF8



261900



030000



000000



C8A654



C8A654

 C8A040

 C8AC68

 C89A2C

 C8B27C

 C89418

 C8B890

 C88F04

 C8BDA4

 C88D00

 C8C3B8

 C8C9CC

 C8CFE0

 C8D5F4

 C8DBFF

# Harmonies

## Analogous

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



E89765



C8A654



9EB35C

# Triad

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



C8A654



00BFCE



DA91D9

# Complementary

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



C8A654



5476C8

# 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.



A6A1F5



C8A654



00BAF0

# Square

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



C8A654



09BFA4



58B0FE



F688B1

# Rectangle

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



C8A654



7DB96E



58B0FE



CB96E4

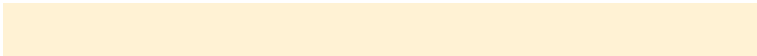


# Sweetspot

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



C8A654



FFF2D4



C85477



807866



000000



808080



# Same Dimension

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



C8A654



FFCB4D



B1C854



63615A



A37300



241900



# Inverse Universe

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



5476C8



4D81FF



6B54C8



5A5C63



0030A3



000A24



# Previews

## White Background



This preview shows how the Hex color C8A654 looks on a white background.

## Color Contrast Check

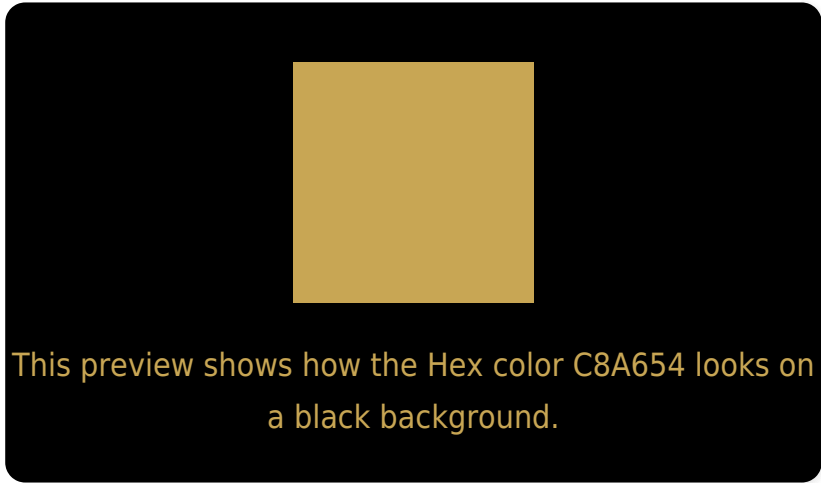
Large Text (above 18pt) WCAG AA × Fail

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 C8A654 Background



This preview shows how black text looks on a background with the Hex color C8A654.

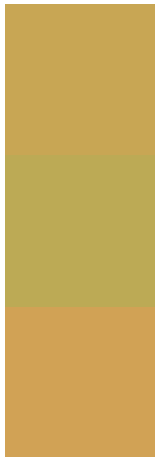


This preview shows how white text looks on a background with the Hex color C8A654.

# 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**  
C8A654

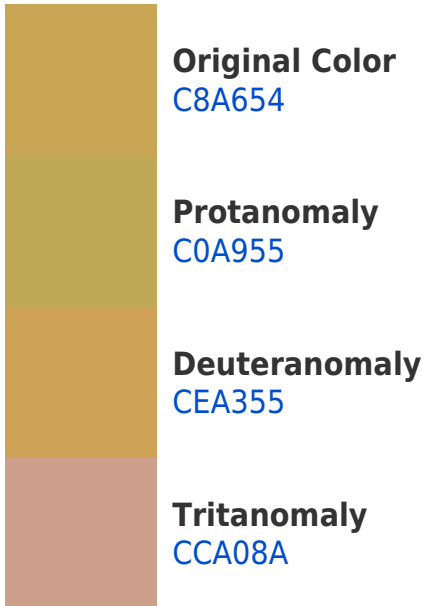
**Protanopia**  
BCAA55

**Deuteranopia**  
D1A255

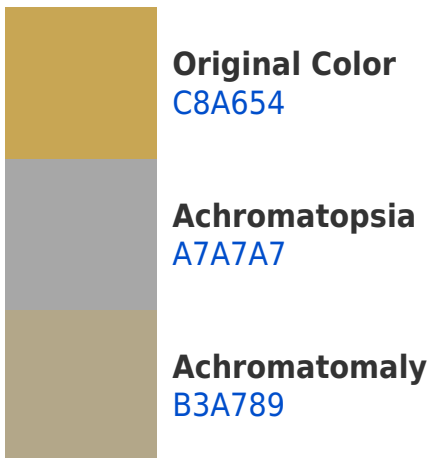


**Tritanopia**  
CF9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8A654 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 #C8A654 looks like.

```
.text, #text, p{  
    color:#C8A654  
}
```

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 #C8A654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8A654  
}
```

## Border

The CSS property to change the border of an element to Hex C8A654 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  
#C8A654 }
```

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

```
.border{ border-color:#C8A654 }
```

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

Here you see how a box with a 4 pixel #C8A654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8A654; -webkit-box-shadow:4px 4px  
4px 4px #C8A654; box-shadow:4px 4px 4px  
4px #C8A654 }
```

# Background

The CSS property to change the background color of an element to Hex C8A654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8A654 }
```

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

```
.background{ background-color:#C8A654 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor