

# Converting Colors

Hex(C8AE69)

Have a look what the booklet for  
Hex(C8AE69) contains.

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# **Color**

**Hex(C8AE69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8AE69
RGB	200, 174, 105
RGB Percent	78%, 68%, 41%
CMY	0.2157, 0.3176, 0.5882
CMYK	0.00, 0.13, 0.48, 0.22
HSL	44°, 46%, 60%
HSV	44°, 48%, 78%
XYZ	41.5053, 43.5714, 19.5872
YIQ	173.9080, 37.6450, -15.9470

# Conversions

## Conversions Part 2

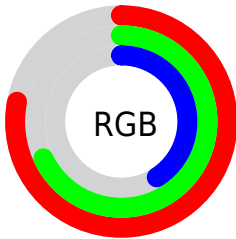
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 200, 105</a>
Decimal	<a href="#">13151849</a>
CIELab	<a href="#">71.94, 0.28, 38.72</a>
CIELCh	<a href="#">72, 38.722, 89.585</a>
Yxy	<a href="#">43.5714, 0.3966, 0.4163</a>
Android (android.graphics.Color)	<a href="#">4291341929 (0xFFC8AE69)</a>
YUV	<a href="#">173.9080, -33.9716, 22.8827</a>
Hunter-Lab	<a href="#">66.0086, -3.2769, 28.6125</a>

# Details

The Hex color **C8AE69** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6983C8**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE59D**, and **907A38** is the 20% darker color. If you saturate the color by 10%, you get **C8A955**, and if you desaturate by 10%, it is **C8B37D**.

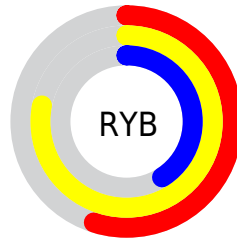
# Distribution



Red (78%)

Green (68%)

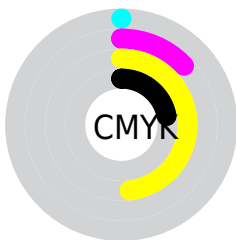
Blue (41%)



Red (55%)

Yellow (78%)

Blue (41%)

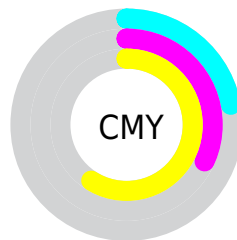


Cyan (0%)

Magenta (13%)

Yellow (48%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8AE69 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 C8AE69 by changing the saturation by 10% instead.



 C8AE69

 C8AE69

FFFFFF

 AC9350

 FFE59D

 907A38

 FFFFFB9

 756120

 FFFFFD5

 5B4A05

 FFFFFF1

 423300

 291E00

 0C0700

 000000

 C8AE69

 C8AE69

 C8A955

 C8B37D

 C8A341

 C8B991

 C89E2D

 C8BEA5

 C89819

 C8C4B9

 C89305

 C8C9CD

 C89100

 C8CFE1

 C8D4F5

 C8DAFF

 C8DFFF

# Harmonies

## Analogous

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



E4A274



C8AE69



A3B972

# Triad

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



C8AE69



15C2D2



DC9BD5

# Complementary

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



C8AE69



6983C8

# 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.



B4A7EE



C8AE69



3CBDEC

# Square

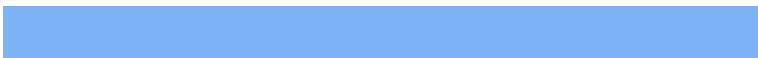
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C8AE69



49C3AF



7CB4F7



F295B2

# Rectangle

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



C8AE69



88BE81



7CB4F7



D19FDE



# Sweetspot

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



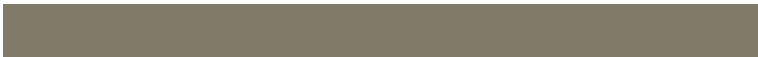
C8AE69



FFF5DB



C86984



807A6A



000000



808080



# Same Dimension

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



C8AE69



FFD76E



B3C869



63615A



A37700



241A00



# Inverse Universe

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



6983C8



6E95FF



7E69C8



5A5C63



002DA3



000A24



# Previews

## White Background



This preview shows how the Hex color C8AE69 looks on a white background.

## Color Contrast Check

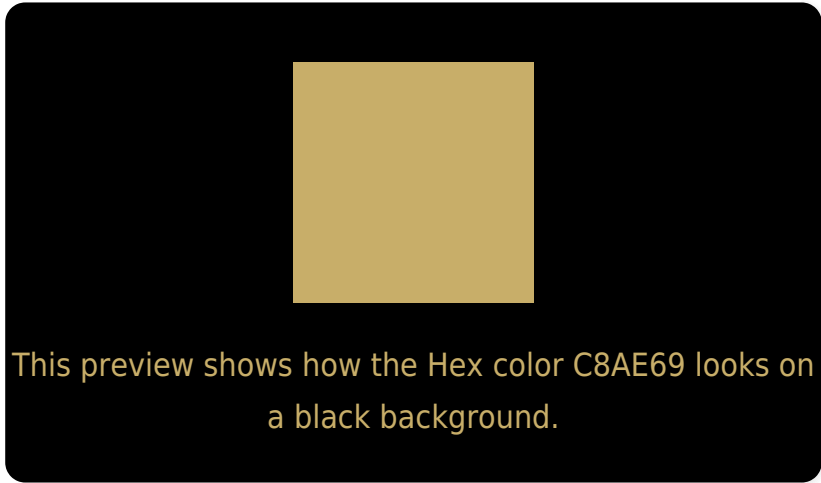
Large Text (above 18pt) WCAG AA × Fail

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 C8AE69 Background



This preview shows how black text looks on a background with the Hex color C8AE69.



This preview shows how white text looks on a background with the Hex color C8AE69.

# Color Blindness Simulation

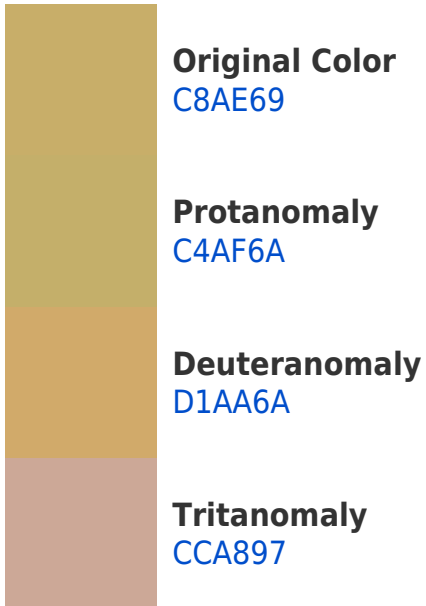
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

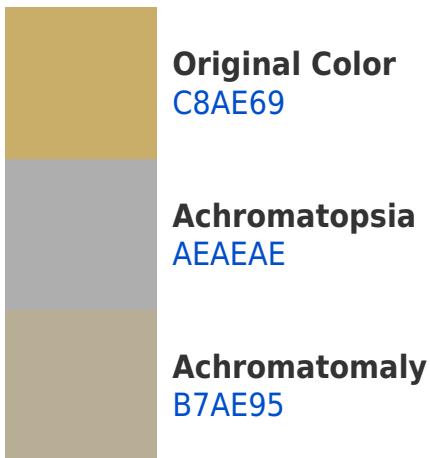




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8AE69 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 #C8AE69 looks like.

```
.text, #text, p{  
    color:#C8AE69  
}
```

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 #C8AE69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8AE69
}
```

## Border

The CSS property to change the border of an element to Hex C8AE69 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
#C8AE69 }
```

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

```
.border{ border-color:#C8AE69 }
```

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

Here you see how a box with a 4 pixel #C8AE69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8AE69; -webkit-box-shadow:4px 4px  
4px 4px #C8AE69; box-shadow:4px 4px 4px  
4px #C8AE69 }
```

# Background

The CSS property to change the background color of an element to Hex C8AE69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8AE69 }
```

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

```
.background{ background-color:#C8AE69 }
```

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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