

# Converting Colors

Hex(C8AE5B)

Have a look what the booklet for  
Hex(C8AE5B) contains.

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# **Color**

**Hex(C8AE5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8AE5B
RGB	200, 174, 91
RGB Percent	78%, 68%, 36%
CMY	0.2157, 0.3176, 0.6431
CMYK	0.00, 0.13, 0.54, 0.22
HSL	46°, 50%, 57%
HSV	46°, 54%, 78%
XYZ	40.8438, 43.3068, 16.1039
YIQ	172.3120, 42.1390, -20.3010

# Conversions

## Conversions Part 2

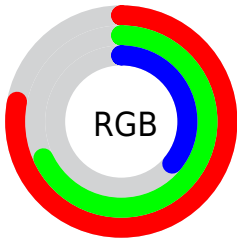
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 200, 91
Decimal	13151835
CIELab	71.76, -0.98, 45.55
CIELCh	72, 45.558, 91.228
Yxy	43.3068, 0.4074, 0.4320
Android (android.graphics.Color)	4291341915 (0xFFC8AE5B)
YUV	172.3120, -40.0868, 24.2824
Hunter-Lab	65.8079, -4.3775, 31.5566

# Details

The Hex color **C8AE5B** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5B75C8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE58F**, and **907A29** is the 20% darker color. If you saturate the color by 10%, you get **C8A947**, and if you desaturate by 10%, it is **C8B36F**.

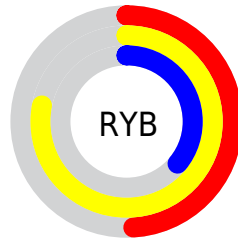
# Distribution



Red (78%)

Green (68%)

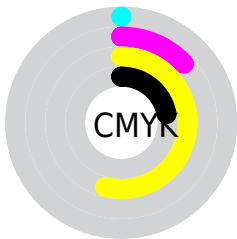
Blue (36%)



Red (49%)

Yellow (78%)

Blue (36%)

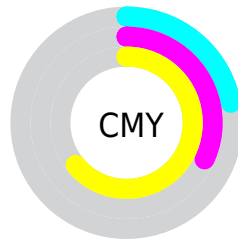


Cyan (0%)

Magenta (13%)

Yellow (54%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8AE5B 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 C8AE5B by changing the saturation by 10% instead.



 C8AE5B

 C8AE5B

FFFFFF

 AB9442

 FFE58F

 907A29

 FFFFFA

 74610D

 FFFFC6

 5A4A00

 FFFFE3

 403300

 271F00

 070700

 000000

 C8AE5B

 C8AE5B

 C8A947

 C8B36F

 C8A433

 C8B883

 C8A01F

 C8BC97

 C89B0B

 C8C1AB

 C89800

 C8C6BF

 C8CBD3

 C8CFE7

 C8D4FB

 C8D9FF

# Harmonies

## Analogous

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



EA9F68



C8AE5B



9DBA67

# Triad

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



C8AE5B



00C4DA



E596D9

# Complementary

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



C8AE5B



5B75C8

# 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.



B6A4F7



C8AE5B



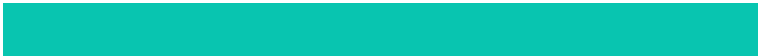
00BFF8

# Square

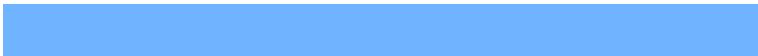
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C8AE5B



08C5B0



70B3FF



FD8EB0

# Rectangle

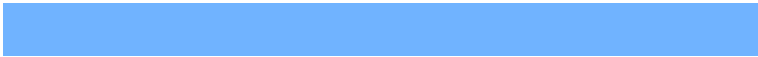
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C8AE5B



7CC07A



70B3FF



D89AE4

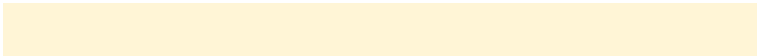


# Sweetspot

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



C8AE5B



FFF5D6



C85B76



807A67



000000



808080



# Same Dimension

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



C8AE5B



FFD759



ADC85B



63615A



A37C00



241B00



# Inverse Universe

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



5B75C8



5981FF



765BC8



5A5C63



0027A3

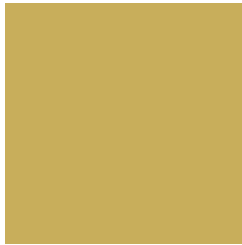


000924



# Previews

## White Background



This preview shows how the Hex color C8AE5B looks on a white background.

## Color Contrast Check

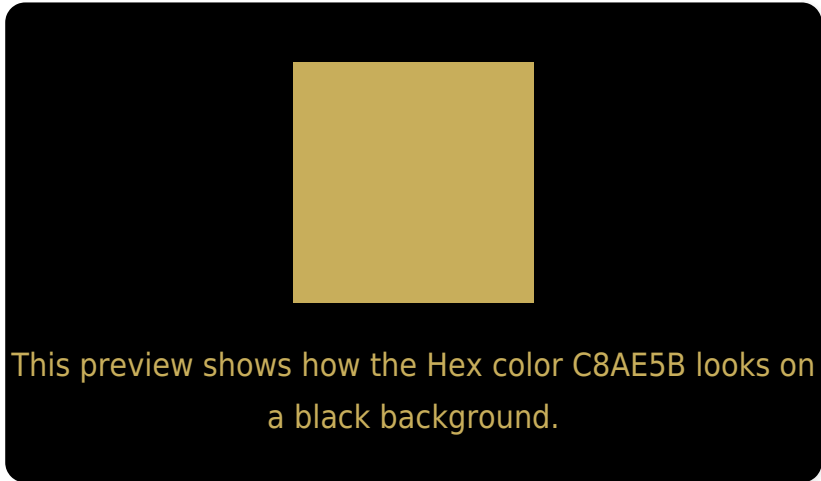
Large Text (above 18pt) WCAG AA × Fail

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 C8AE5B Background



This preview shows how black text looks on a background with the Hex color C8AE5B.



This preview shows how white text looks on a background with the Hex color C8AE5B.

# 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**  
C8AE5B

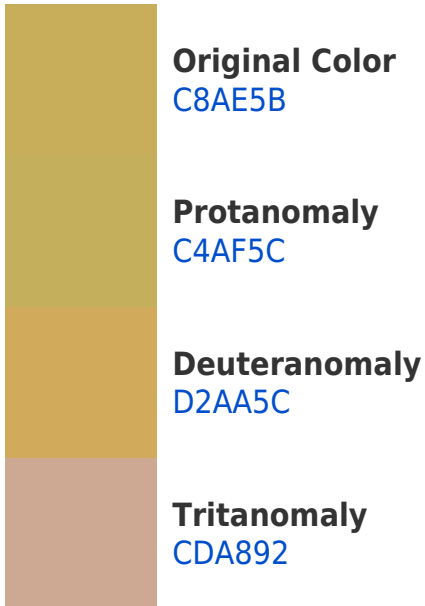
**Protanopia**  
C2B05C

**Deuteranopia**  
D8A85D

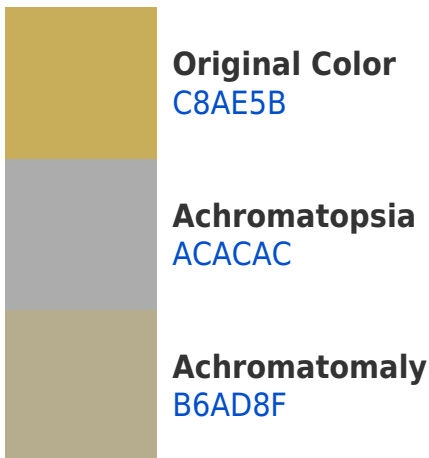


**Tritanopia**  
D0A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8AE5B 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 #C8AE5B looks like.

```
.text, #text, p{  
    color:#C8AE5B  
}
```

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 #C8AE5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8AE5B
}
```

## Border

The CSS property to change the border of an element to Hex C8AE5B 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
#C8AE5B }
```

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

```
.border{ border-color:#C8AE5B }
```

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

Here you see how a box with a 4 pixel #C8AE5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8AE5B; -webkit-box-shadow:4px 4px  
4px 4px #C8AE5B; box-shadow:4px 4px 4px  
4px #C8AE5B }
```

# Background

The CSS property to change the background color of an element to Hex C8AE5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8AE5B }
```

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

```
.background{ background-color:#C8AE5B }
```

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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