

# Converting Colors

Hex(C9B568)

Have a look what the booklet for  
Hex(C9B568) contains.

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# **Color**

**Hex(C9B568)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C9B568                      |
| RGB         | 201, 181, 104               |
| RGB Percent | 79%, 71%, 41%               |
| CMY         | 0.2118, 0.2902, 0.5922      |
| CMYK        | 0.00, 0.10, 0.48, 0.21      |
| HSL         | 48°, 47%, 60%               |
| HSV         | 48°, 48%, 79%               |
| XYZ         | 43.1100, 46.4647, 19.7932   |
| YIQ         | 178.2020, 36.6370, -19.7070 |

# Conversions

## Conversions Part 2

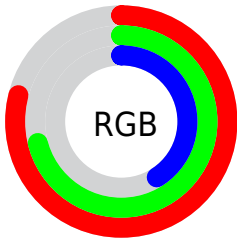
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 129, 201, 104                  |
| Decimal                             | 13219176                       |
| CIELab                              | 73.85, -3.10, 41.61            |
| CIELCh                              | 74, 41.727, 94.266             |
| Yxy                                 | 46.4647, 0.3942,<br>0.4248     |
| Android<br>(android.graphics.Color) | 4291409256<br>(0xFFC9B568)     |
| YUV                                 | 178.2020, -36.5816,<br>19.9938 |
| Hunter-Lab                          | 68.1650, -6.3992,<br>30.4994   |

# Details

The Hex color **C9B568** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **687CC9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFED9D**, and **918036** is the 20% darker color. If you saturate the color by 10%, you get **C9B154**, and if you desaturate by 10%, it is **C9B97C**.

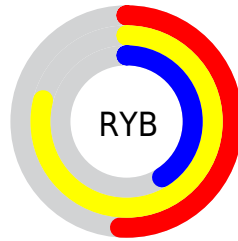
# Distribution



Red (79%)

Green (71%)

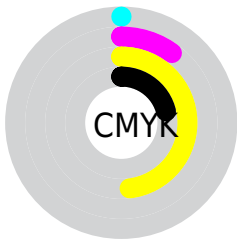
Blue (41%)



Red (51%)

Yellow (79%)

Blue (41%)

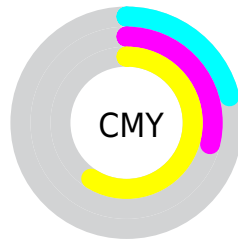


Cyan (0%)

Magenta (10%)

Yellow (48%)

Black (21%)



Cyan (21%)

Magenta (29%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9B568 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 C9B568 by changing the saturation by 10% instead.



 C9B568

 C9B568

FFFFFF

 AD9A4F

 FFED9D

 918036

 FFFFB8

 76671D

 FFFFFD4

 5C5001

 FFFFF1

 433900

 292400

 0D0F00

 000000

 C9B568

 C9B568

 C9B154

 C9B97C

 C9AD40

 C9BD90

 C9A92C

 C9C1A4

 C9A418

 C9C6B8

 C9A004

 C9CACD

 C9A000

 C9CEE1

 C9D2F5

 C9D6FF

 C9DAFF

# Harmonies

## Analogous

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



E9A871



C9B568



A0C075

# Triad

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



C9B568



00C8DF



EA9DD7

# Complementary

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



C9B568



687CC9

# 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.



C1AAF5



C9B568



39C2FA

# Square

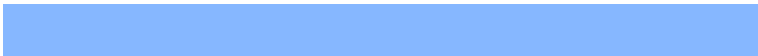
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C9B568



35CABA



86B7FF



FE97B1

# Rectangle

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



C9B568



82C587



86B7FF



DFA0E3

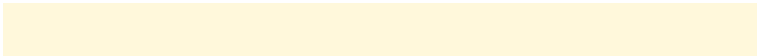


# Sweetspot

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



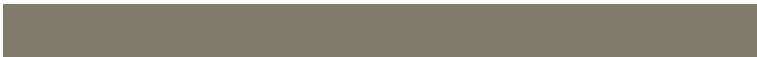
C9B568



FFF8DB



C9687D



807B6A



000000



808080



# Same Dimension

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



C9B568



FFE16B



AEC968



63615A



A38200



241C00



# Inverse Universe

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



687CC9



6B8AFF



8368C9



5A5C63



0022A3



000724



# Previews

## White Background



This preview shows how the Hex color C9B568 looks on a white background.

## Color Contrast Check

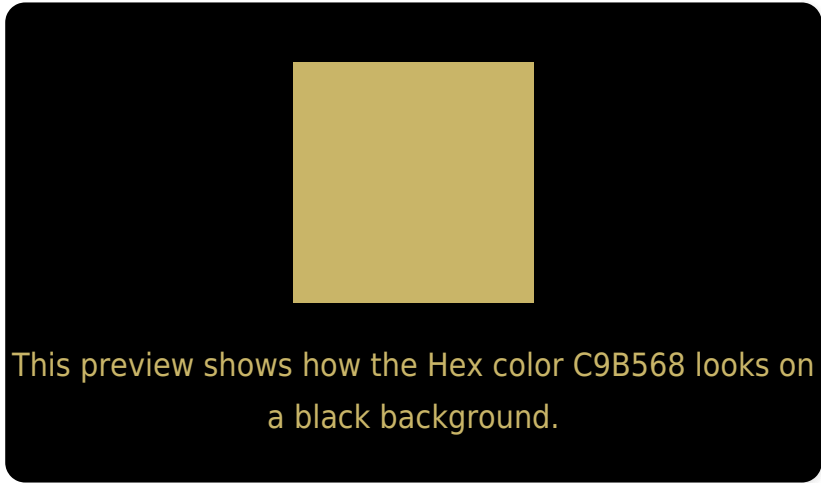
Large Text (above 18pt) WCAG AA × Fail

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

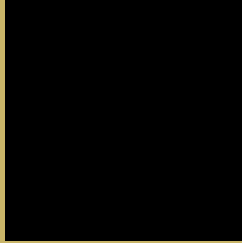
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C9B568 Background



This preview shows how black text looks on a background with the Hex color C9B568.



This preview shows how white text looks on a background with the Hex color C9B568.

# 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**  
C9B568

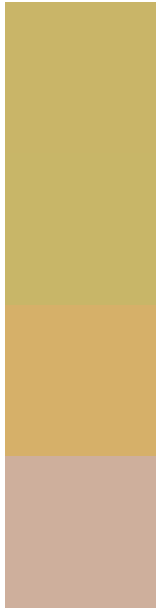
**Protanopia**  
C7B668

**Deuteranopia**  
DDAD6A



**Tritanopia**  
D1ACB9

# Trichromacy



**Original Color**  
C9B568

**Protanomaly**  
C8B668

**Deuteranomaly**  
D6B069

**Tritanomaly**  
CEAF9C

# Monochromacy



**Original Color**  
C9B568

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
BAB397

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9B568 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 #C9B568 looks like.

```
.text, #text, p{  
    color:#C9B568  
}
```

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 #C9B568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9B568
}
```

## Border

The CSS property to change the border of an element to Hex C9B568 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
#C9B568 }
```

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

```
.border{ border-color:#C9B568 }
```

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

Here you see how a box with a 4 pixel #C9B568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9B568; -webkit-box-shadow:4px 4px  
4px 4px #C9B568; box-shadow:4px 4px 4px  
4px #C9B568 }
```

# Background

The CSS property to change the background color of an element to Hex C9B568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9B568 }
```

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

```
.background{ background-color:#C9B568 }
```

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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