

# Converting Colors

Hex(C9B438)

Have a look what the booklet for  
Hex(C9B438) contains.

<b>Hex(C9B438)</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(C9B438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9B438
RGB	201, 180, 56
RGB Percent	79%, 71%, 22%
CMY	0.2118, 0.2941, 0.7804
CMYK	0.00, 0.10, 0.72, 0.21
HSL	51°, 57%, 50%
HSV	51°, 72%, 79%
XYZ	41.1225, 45.3455, 10.3266
YIQ	172.1430, 52.3200, -34.1120

# Conversions

## Conversions Part 2

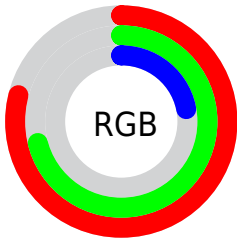
Format	Color
<a href="#">RYB</a>	<a href="#">81, 201, 56</a>
Decimal	<a href="#">13218872</a>
CIELab	<a href="#">73.12, -5.97, 62.45</a>
CIElCh	<a href="#">73, 62.730, 95.457</a>
Yxy	<a href="#">45.3455, 0.4248, 0.4685</a>
Android (android.graphics.Color)	<a href="#">4291408952 (0xFFC9B438)</a>
YUV	<a href="#">172.1430, -57.2585, 25.3076</a>
Hunter-Lab	<a href="#">67.3391, -8.8375, 38.0452</a>

# Details

The Hex color **C9B438** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **384DC9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFEC6F**, and **8F8000** is the 20% darker color. If you saturate the color by 10%, you get **C9B124**, and if you desaturate by 10%, it is **C9B74C**.

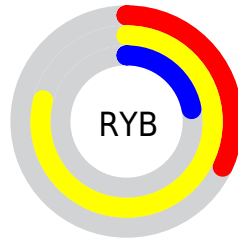
# Distribution



Red (79%)

Green (71%)

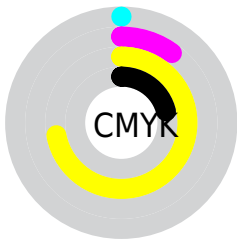
Blue (22%)



Red (32%)

Yellow (79%)

Blue (22%)

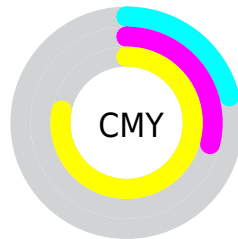


Cyan (0%)

Magenta (10%)

Yellow (72%)

Black (21%)



Cyan (21%)

Magenta (29%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9B438 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 C9B438 by changing the saturation by 10% instead.



 C9B438

 C9B438

FFFFFF

 AC9918

 FFEC6F

 8F8000

 FFFF8A

 736700

 FFFFA6

 584F00

 FFFFC2

 3D3900

 FFFFDF

 242300

FFFFFFC

 020F00

 000000

 C9B438

 C9B438

 C9B124

 C9B74C

 C9AE10

 C9BA60

 C9AC00

 C9BD74

 C9C088

 C9C39D

 C9C5B1

 C9C8C5

 C9CBD9

 C9CEED

# Harmonies

## Analogous

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



F89F49



C9B438



8DC350

# Triad

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



C9B438



00CEF5



FF89E4

# Complementary

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



C9B438



384DC9

# 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.



C4A0FF



C9B438



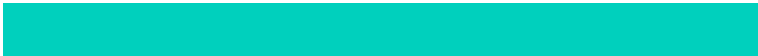
00C6FF

# Square

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



C9B438



00D0BD



50B6FF



FF7FAB

# Rectangle

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



C9B438



58CA6F



50B6FF



F190F5



# Sweetspot

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



C9B438



FFF7C7



C9384E



807B5E



000000



808080



# Same Dimension

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



C9B438



FFDF21



96C938



63625A



A38C00



241F00



# Inverse Universe

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



384DC9



2141FF



6B38C9



5A5B63



0018A3



000524



# Previews

## White Background



This preview shows how the Hex color C9B438 looks on a white background.

## Color Contrast Check

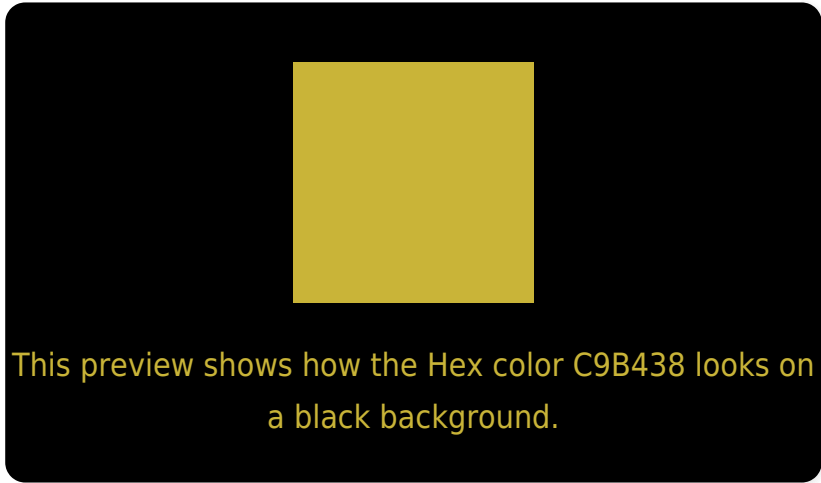
Large Text (above 18pt) WCAG AA × Fail

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 C9B438 Background



This preview shows how black text looks on a background with the Hex color C9B438.



This preview shows how white text looks on a background with the Hex color C9B438.

# 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**  
C9B438

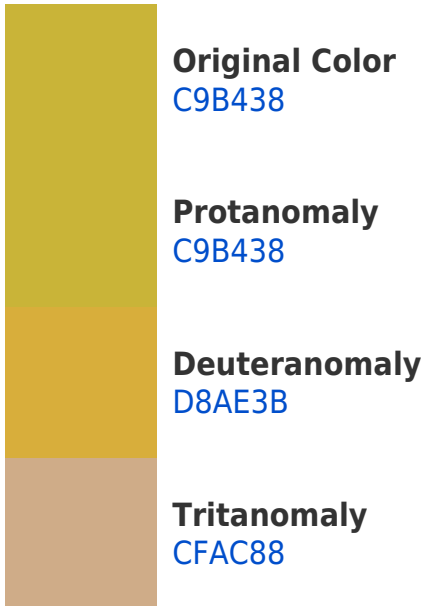
**Protanopia**  
C9B438

**Deuteranopia**  
E1AB3C



**Tritanopia**  
D3A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9B438 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 #C9B438 looks like.

```
.text, #text, p{  
    color:#C9B438  
}
```

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 #C9B438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9B438
}
```

## Border

The CSS property to change the border of an element to Hex C9B438 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
#C9B438 }
```

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

```
.border{ border-color:#C9B438 }
```

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

Here you see how a box with a 4 pixel #C9B438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9B438; -webkit-box-shadow:4px 4px  
4px 4px #C9B438; box-shadow:4px 4px 4px  
4px #C9B438 }
```

# Background

The CSS property to change the background color of an element to Hex C9B438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9B438 }
```

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

```
.background{ background-color:#C9B438 }
```

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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