

# Converting Colors

Hex(C9A151)

Have a look what the booklet for  
Hex(C9A151) contains.

|  |    |
|--|----|
| <b>Hex(C9A151)</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(C9A151)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C9A151                      |
| RGB         | 201, 161, 81                |
| RGB Percent | 79%, 63%, 32%               |
| CMY         | 0.2118, 0.3686, 0.6824      |
| CMYK        | 0.00, 0.20, 0.60, 0.21      |
| HSL         | 40°, 53%, 55%               |
| HSV         | 40°, 60%, 79%               |
| XYZ         | 38.3175, 38.5013, 13.1965   |
| YIQ         | 163.8400, 49.5200, -16.4000 |

# Conversions

## Conversions Part 2

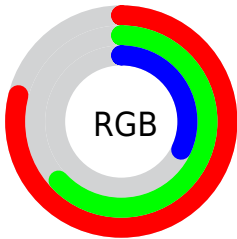
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">141, 201, 81</a>                    |
| Decimal                             | <a href="#">13214033</a>                        |
| CIELab                              | <a href="#">68.39, 5.62, 46.52</a>              |
| CIElCh                              | <a href="#">68, 46.860, 83.110</a>              |
| Yxy                                 | <a href="#">38.5013, 0.4257,<br/>0.4277</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291404113<br/>(0xFFC9A151)</a>     |
| YUV                                 | <a href="#">163.8400, -40.8401,<br/>32.5893</a> |
| Hunter-Lab                          | <a href="#">62.0494, 1.6428,<br/>30.8249</a>    |

# Details

The Hex color **C9A151** 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 **5179C9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD885**, and **906E1E** is the 20% darker color. If you saturate the color by 10%, you get **C99A3D**, and if you desaturate by 10%, it is **C9A865**.

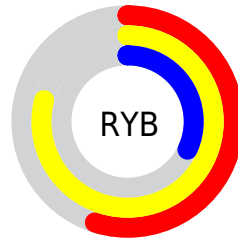
# Distribution



Red (79%)

Green (63%)

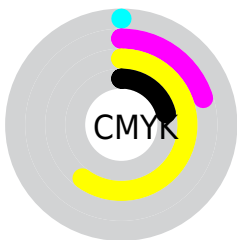
Blue (32%)



Red (55%)

Yellow (79%)

Blue (32%)

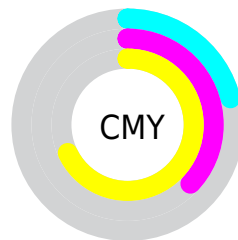


Cyan (0%)

Magenta (20%)

Yellow (60%)

Black (21%)



Cyan (21%)

Magenta (37%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9A151 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 C9A151 by changing the saturation by 10% instead.



 C9A151

 C9A151

FFFFFF

 AC8738

 FFD885

 906E1E

 FFF4A0

 745600

 FFFFBB

 5A3E00

 FFFFFD7

 3F2900

 FFFFFF4

 261500

 000000

 C9A151

 C9A151

 C99A3D

 C9A865

 C99429

 C9AE79

 C98D15

 C9B58D

 C98601

 C9BCA1

 C98600

 C9C3B6

 C9C9CA

 C9D0DE

 C9D7F2

 C9DDFF

# Harmonies

## Analogous

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



E89264



C9A151



A0AE56

# Triad

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



C9A151



00BCC7



D28FDA

# Complementary

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



C9A151



5179C9

# 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.



9B9FF5



C9A151



00B8E9

# Square

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



C9A151



18BC9B



45AEFA



F185B2

# Rectangle

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



C9A151



80B567



45AEFA



C294E5



# Sweetspot

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



C9A151



FFF0D1



C95179



807663



000000



808080



# Same Dimension

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



C9A151



FFC247



B5C951



63605A



A36D00



241800



# Inverse Universe

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



5179C9



4785FF



6551C9



5A5D63



0036A3



000C24



# Previews

## White Background



This preview shows how the Hex color C9A151 looks on a white background.

## Color Contrast Check

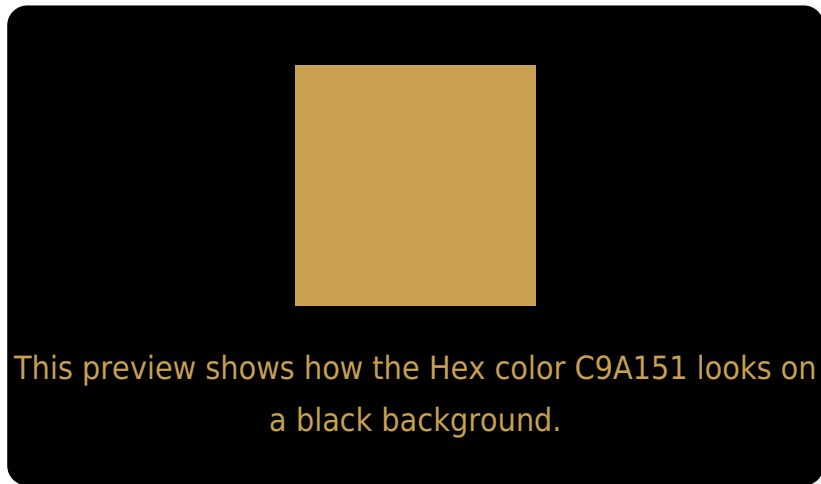
Large Text (above 18pt) WCAG AA × Fail

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 C9A151 Background



This preview shows how black text looks on a background with the Hex color C9A151.



This preview shows how white text looks on a background with the Hex color C9A151.

# 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**  
C9A151

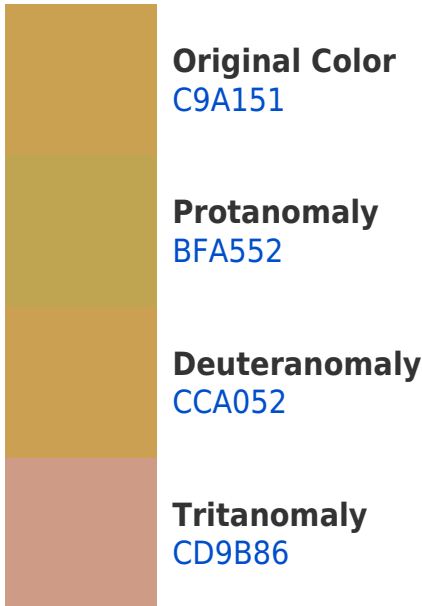
**Protanopia**  
B9A753

**Deuteranopia**  
CE9F52

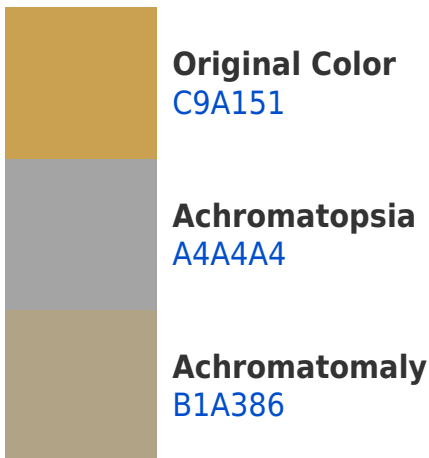


**Tritanopia**  
D098A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9A151 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 #C9A151 looks like.

```
.text, #text, p{  
    color:#C9A151  
}
```

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 #C9A151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A151
}
```

## Border

The CSS property to change the border of an element to Hex C9A151 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
#C9A151 }
```

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

```
.border{ border-color:#C9A151 }
```

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

Here you see how a box with a 4 pixel #C9A151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A151; -webkit-box-shadow:4px 4px  
4px 4px #C9A151; box-shadow:4px 4px 4px  
4px #C9A151 }
```

# Background

The CSS property to change the background color of an element to Hex C9A151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A151 }
```

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

```
.background{ background-color:#C9A151 }
```

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