

# Converting Colors

Hex(C1A351)

Have a look what the booklet for  
Hex(C1A351) contains.

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**Color**

**Hex(C1A351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1A351
RGB	193, 163, 81
RGB Percent	76%, 64%, 32%
CMY	0.2431, 0.3608, 0.6824
CMYK	0.00, 0.16, 0.58, 0.24
HSL	44°, 47%, 54%
HSV	44°, 58%, 76%
XYZ	36.5747, 38.1259, 13.2159
YIQ	162.6220, 44.2020, -19.1420

# Conversions

## Conversions Part 2

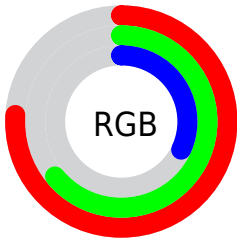
Format	Color
<a href="#">RYB</a>	<a href="#">122, 193, 81</a>
Decimal	<a href="#">12690257</a>
CIELab	<a href="#">68.11, 1.12, 46.00</a>
CIELCh	<a href="#">68, 46.012, 88.604</a>
Yxy	<a href="#">38.1259, 0.4160, 0.4337</a>
Android (android.graphics.Color)	<a href="#">4290880337 (0xFFC1A351)</a>
YUV	<a href="#">162.6220, -40.2396, 26.6415</a>
Hunter-Lab	<a href="#">61.7462, -2.3232, 30.5321</a>

# Details

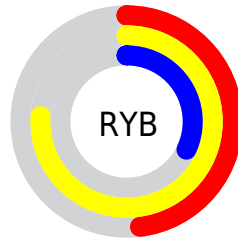
The Hex color **C1A351** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **516FC1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FCDA85**, and **89701E** is the 20% darker color. If you saturate the color by 10%, you get **C19E3E**, and if you desaturate by 10%, it is **C1A864**.

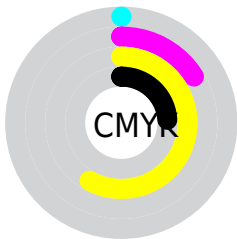
# Distribution



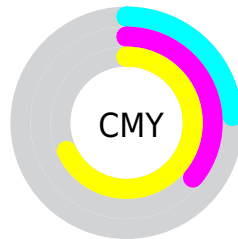
- Red (76%)
- Green (64%)
- Blue (32%)



- Red (48%)
- Yellow (76%)
- Blue (32%)



- Cyan (0%)
- Magenta (16%)
- Yellow (58%)
- Black (24%)



- Cyan (24%)
- Magenta (36%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1A351 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 C1A351 by changing the saturation by 10% instead.





C1A351



C1A351

FFFFFF



A58938



FCDA85



89701E



FFF6A0



6D5700



FFFFBB



534000



FFFFD7



392B00



FFFFF4



201700



000000



C1A351



C1A351



C19E3E



C1A864

 C1992A

 C1AD78

 C19317

 C1B38B

 C18E04

 C1B89E

 C18D00

 C1BDB2

 C1C2C5

 C1C7D8

 C1CCEB

 C1D2FF

# Harmonies

## Analogous

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



E19460



C1A351



97AF5B

# Triad

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



C1A351



00BBCC



D88DD2

# Complementary

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



C1A351



516FC1

# 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.



A69CEF



C1A351



00B5EC

# Square

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



C1A351



00BBA3



5BABF9



F184AA

# Rectangle

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



C1A351



76B56D



5BABF9



CA91DD



# Sweetspot

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



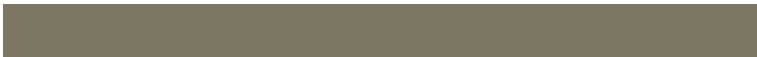
C1A351



FAEFCF



C15171



7D7664



FCFCFC



7D7D7D



# Same Dimension

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



C1A351



FACB4B



A9C151



615E57



A17600



211800



# Inverse Universe

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



516FC1



4B7AFA



6951C1



575A61



002BA1

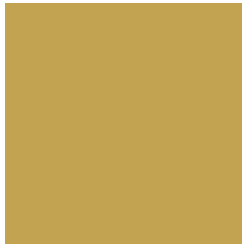


000921



# Previews

## White Background



This preview shows how the Hex color C1A351 looks on a white background.

## Color Contrast Check

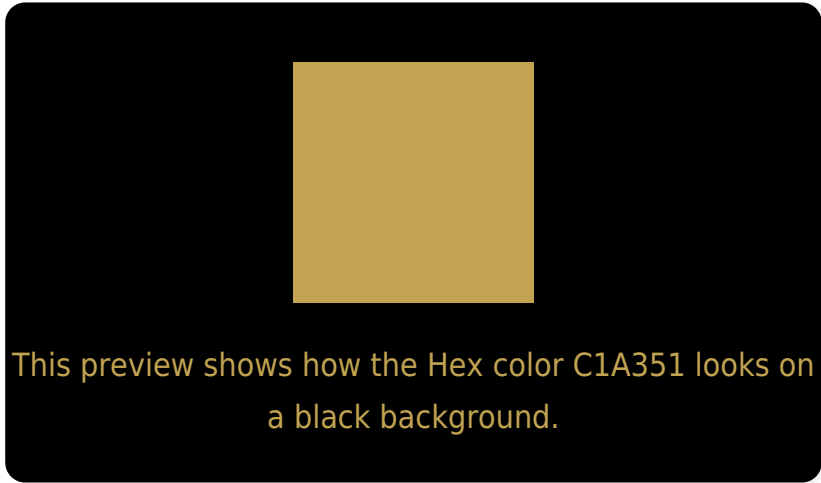
Large Text (above 18pt) WCAG AA × Fail

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 C1A351 Background



This preview shows how black text looks on a background with the Hex color C1A351.



This preview shows how white text looks on a background with the Hex color C1A351.

# 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**  
C1A351

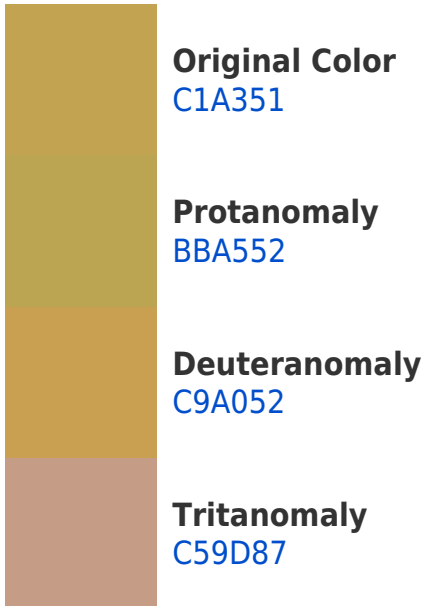
**Protanopia**  
B8A652

**Deuteranopia**  
CD9E52

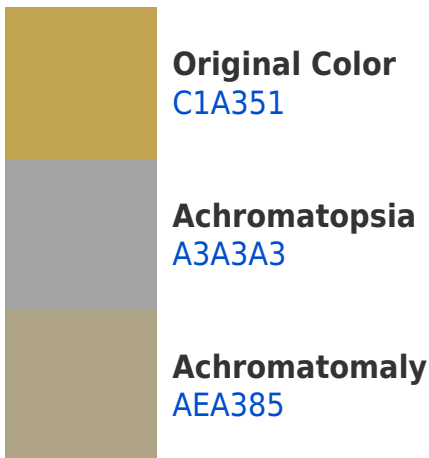


**Tritanopia**  
C89AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1A351 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 #C1A351 looks like.

```
.text, #text, p{  
    color:#C1A351  
}
```

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 #C1A351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1A351
}
```

## Border

The CSS property to change the border of an element to Hex C1A351 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
#C1A351 }
```

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

```
.border{ border-color:#C1A351 }
```

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

Here you see how a box with a 4 pixel #C1A351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1A351; -webkit-box-shadow:4px 4px  
4px 4px #C1A351; box-shadow:4px 4px 4px  
4px #C1A351 }
```

# Background

The CSS property to change the background color of an element to Hex C1A351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1A351 }
```

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

```
.background{ background-color:#C1A351 }
```

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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