

# Converting Colors

Hex(C4A039)

Have a look what the booklet for  
Hex(C4A039) contains.

<b>Hex(C4A039)</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(C4A039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A039
RGB	196, 160, 57
RGB Percent	77%, 63%, 22%
CMY	0.2314, 0.3725, 0.7765
CMYK	0.00, 0.18, 0.71, 0.23
HSL	44°, 55%, 50%
HSV	44°, 71%, 77%
XYZ	36.0743, 37.1728, 9.1446
YIQ	159.0220, 54.5190, -24.4010

# Conversions

## Conversions Part 2

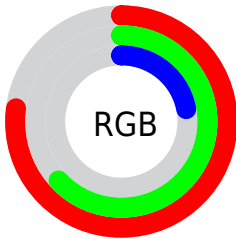
Format	Color
<a href="#">RYB</a>	<a href="#">106, 196, 57</a>
Decimal	<a href="#">12886073</a>
CIELab	<a href="#">67.41, 2.50, 56.22</a>
CIELCh	<a href="#">67, 56.274, 87.452</a>
Yxy	<a href="#">37.1728, 0.4378, 0.4512</a>
Android (android.graphics.Color)	<a href="#">4291076153</a> ( <a href="#">0xFFC4A039</a> )
YUV	<a href="#">159.0220, -50.2968, 32.4297</a>
Hunter-Lab	<a href="#">60.9695, -1.0822, 33.7859</a>

# Details

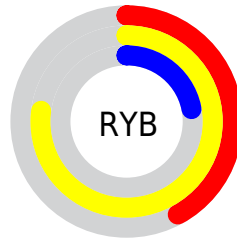
The Hex color **C4A039** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **395DC4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFD66E**, and **8A6D00** is the 20% darker color. If you saturate the color by 10%, you get **C49B25**, and if you desaturate by 10%, it is **C4A54D**.

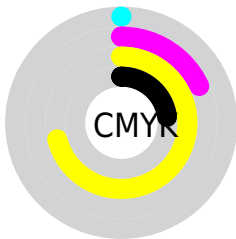
# Distribution



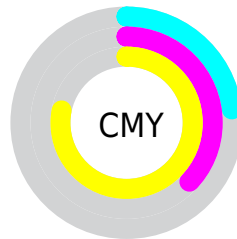
- Red (77%)
- Green (63%)
- Blue (22%)



- Red (42%)
- Yellow (77%)
- Blue (22%)



- Cyan (0%)
- Magenta (18%)
- Yellow (71%)
- Black (23%)



- Cyan (23%)
- Magenta (37%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4A039 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 C4A039 by changing the saturation by 10% instead.



 C4A039

 C4A039

FFFFFF

 A7861D

 FFD66E

 8A6D00

 FFF389

 6F5500

 FFFFFA4

 533E00

 FFFFFC0

 392800

 FFFFFDC

 201400

 FFFFFFA

 000000

 C4A039

 C4A039

 C49B25

 C4A54D

 C49612

 C4AA60

 C49100

 C4AF74

 C4B487

 C4B99B

 C4BEAF

 C4C4C2

 C4C9D6

 C4CEE9

# Harmonies

## Analogous

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



EB8D4F



C4A039



92AF45

# Triad

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



C4A039



00BDD1



DE84DB

# Complementary

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



C4A039



395DC4

# 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.



9F99FE



C4A039



00B7F9

# Square

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



C4A039



00BD9E



13ABFF



FD77AB

# Rectangle

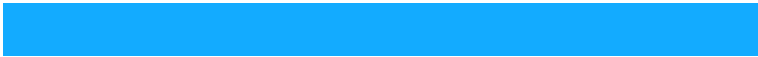
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4A039



69B65C



13ABFF



CD8BE9



# Sweetspot

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



C4A039



FFF1C9



C4395E



807760



000000



808080



# Same Dimension

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



C4A039



FFC726



A4C439



615E57



A17700



211900



# Inverse Universe

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



395DC4



265EFF



5939C4



575A61



002AA1

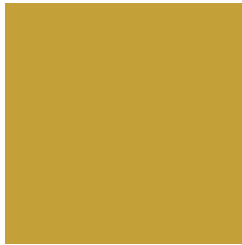


000921



# Previews

## White Background



This preview shows how the Hex color C4A039 looks on a white background.

## Color Contrast Check

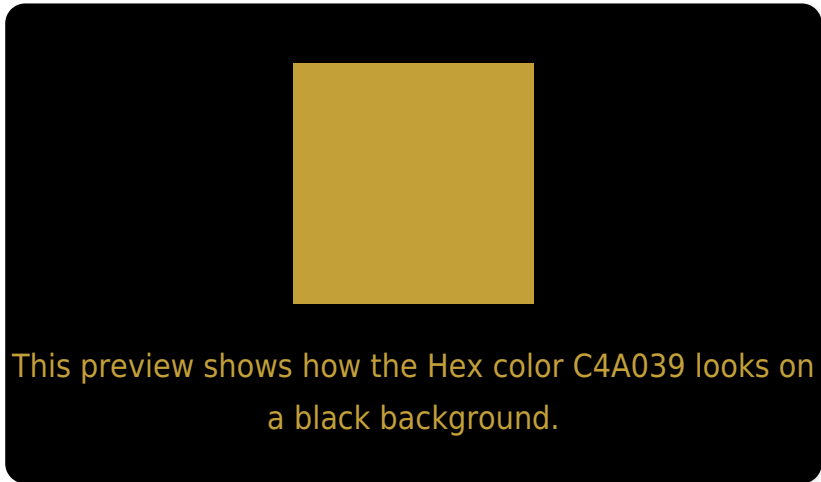
Large Text (above 18pt) WCAG AA × Fail

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 C4A039 Background



This preview shows how black text looks on a background with the Hex color C4A039.



This preview shows how white text looks on a background with the Hex color C4A039.

# 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**  
C4A039

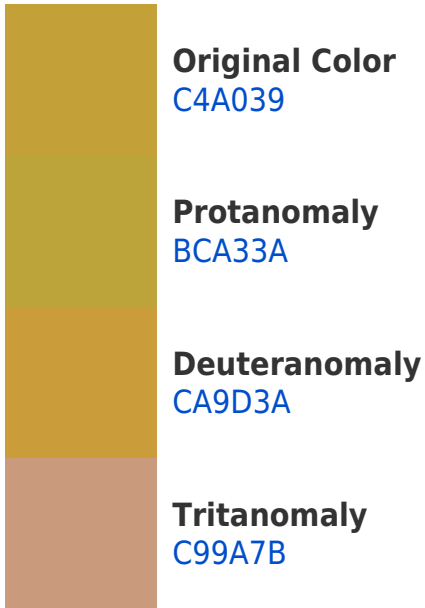
**Protanopia**  
B8A53A

**Deuteranopia**  
CD9C3A

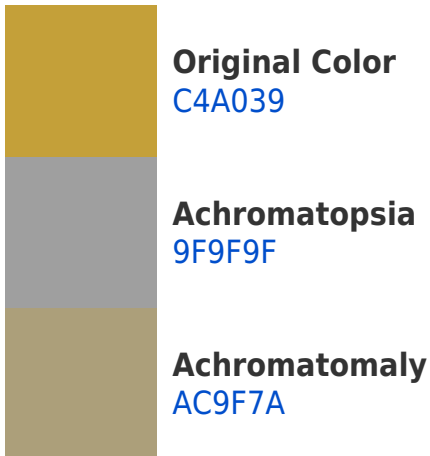


**Tritanopia**  
CC96A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4A039 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 #C4A039 looks like.

```
.text, #text, p{  
    color:#C4A039  
}
```

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 #C4A039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A039
}
```

## Border

The CSS property to change the border of an element to Hex C4A039 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
#C4A039 }
```

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

```
.border{ border-color:#C4A039 }
```

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

Here you see how a box with a 4 pixel #C4A039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A039; -webkit-box-shadow:4px 4px  
4px 4px #C4A039; box-shadow:4px 4px 4px  
4px #C4A039 }
```

# Background

The CSS property to change the background color of an element to Hex C4A039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A039 }
```

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

```
.background{ background-color:#C4A039 }
```

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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