

# Converting Colors

Hex(C39E44)

Have a look what the booklet for  
Hex(C39E44) contains.

|  |    |
|--|----|
| <b>Hex(C39E44)</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(C39E44)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C39E44                      |
| RGB         | 195, 158, 68                |
| RGB Percent | 76%, 62%, 27%               |
| CMY         | 0.2353, 0.3804, 0.7333      |
| CMYK        | 0.00, 0.19, 0.65, 0.24      |
| HSL         | 43°, 51%, 52%               |
| HSV         | 43°, 65%, 76%               |
| XYZ         | 35.7759, 36.4732, 10.6233   |
| YIQ         | 158.8030, 50.9420, -20.1460 |

# Conversions

## Conversions Part 2

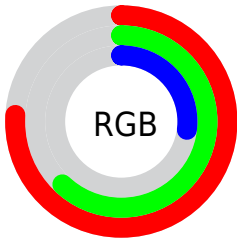
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">120, 195, 68</a>                |
| Decimal                             | <a href="#">12820036</a>                    |
| CIELab                              | <a href="#">66.88, 3.77, 50.82</a>          |
| CIELCh                              | <a href="#">67, 50.964, 85.757</a>          |
| Yxy                                 | <a href="#">36.4732, 0.4317, 0.4401</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291010116<br/>(0xFFC39E44)</a> |
| YUV                                 | <a href="#">158.8030, -44.7659, 31.7448</a> |
| Hunter-Lab                          | <a href="#">60.3930, 0.0529, 31.8459</a>    |

# Details

The Hex color **C39E44** 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 **4469C3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FED478**, and **8A6B0C** is the 20% darker color. If you saturate the color by 10%, you get **C39831**, and if you desaturate by 10%, it is **C3A458**.

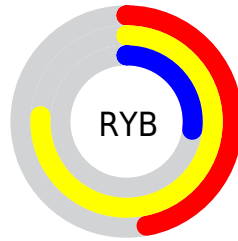
# Distribution



Red (76%)

Green (62%)

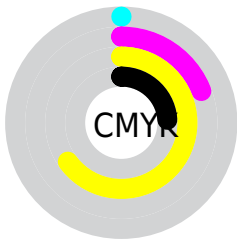
Blue (27%)



Red (47%)

Yellow (76%)

Blue (27%)

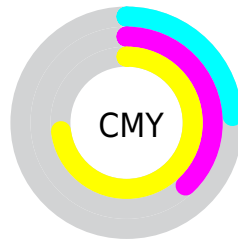


Cyan (0%)

Magenta (19%)

Yellow (65%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C39E44 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 C39E44 by changing the saturation by 10% instead.





C39E44



C39E44

FFFFFF



A6842A



FED478



8A6B0C



FFF193



6E5300



FFFFAE



543C00



FFFPCA



392700



FFFPEE



201300



000000



C39E44



C39E44



C39831



C3A458

 C3931D

 C3A96B

 C38D0A

 C3AF7F

 C38A00

 C3B592

 C3BAA6

 C3C0B9

 C3C6CD

 C3CBE0

 C3D1F3

# Harmonies

## Analogous

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



E58D58



C39E44



96AC4C

# Triad

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



C39E44



00B9C9



D587D7

# Complementary

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



C39E44



4469C3

# 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.



9B99F5



C39E44



00B4EE

# Square

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



C39E44



00B99A



34AAFE



F37CAB

# Rectangle

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



C39E44



72B360



34AAFE



C58DE3

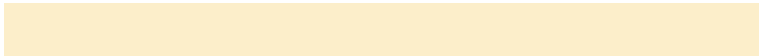


# Sweetspot

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



C39E44



FCEECA



C3446A



807761



000000



808080



# Same Dimension

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



C39E44



FCC338



AAC344



615E57



A17200



211700



# Inverse Universe

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



4469C3



3871FC



5D44C3



575A61



002FA1



000A21



# Previews

## White Background



This preview shows how the Hex color C39E44 looks on a white background.

## Color Contrast Check

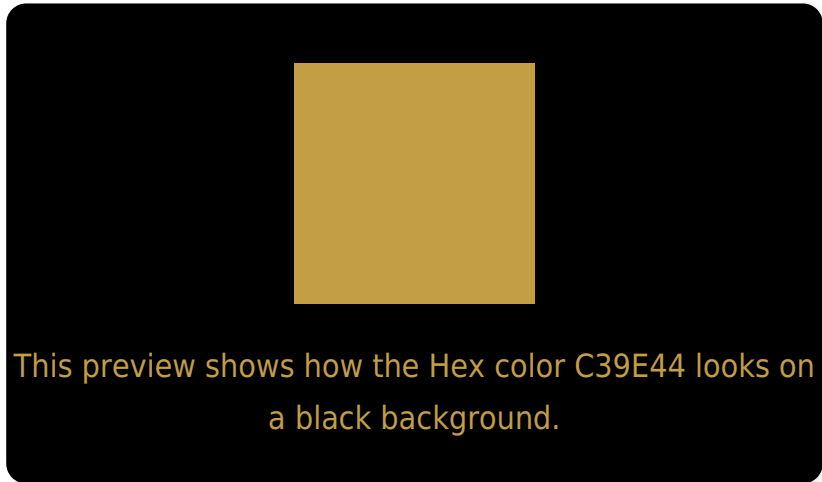
Large Text (above 18pt) WCAG AA × Fail

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 C39E44 Background



This preview shows how black text looks on a background with the Hex color C39E44.

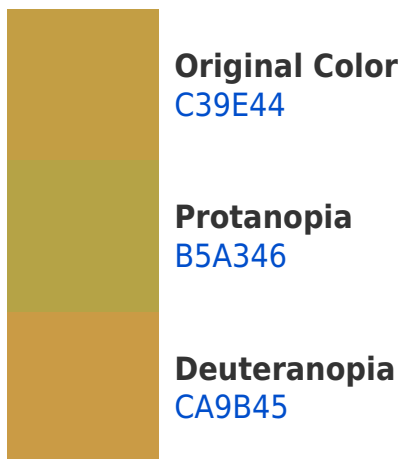



This preview shows how white text looks on a background with the Hex color C39E44.

# 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](#).

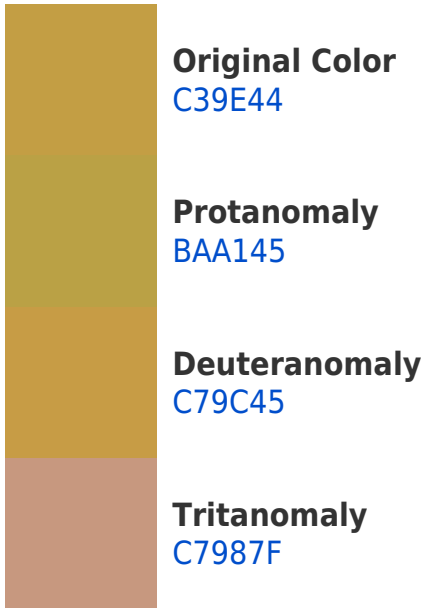
## Dichromacy





**Tritanopia**  
CA94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C39E44 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 #C39E44 looks like.

```
.text, #text, p{  
    color:#C39E44  
}
```

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 #C39E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39E44
}
```

## Border

The CSS property to change the border of an element to Hex C39E44 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
#C39E44 }
```

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

```
.border{ border-color:#C39E44 }
```

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

Here you see how a box with a 4 pixel #C39E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39E44; -webkit-box-shadow:4px 4px  
4px 4px #C39E44; box-shadow:4px 4px 4px  
4px #C39E44 }
```

# Background

The CSS property to change the background color of an element to Hex C39E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39E44 }
```

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

```
.background{ background-color:#C39E44 }
```

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