

# Converting Colors

Hex(C3943A)

Have a look what the booklet for  
Hex(C3943A) contains.

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**Color**

**Hex(C3943A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3943A
RGB	195, 148, 58
RGB Percent	76%, 58%, 23%
CMY	0.2353, 0.4196, 0.7725
CMYK	0.00, 0.24, 0.70, 0.24
HSL	39°, 54%, 50%
HSV	39°, 70%, 76%
XYZ	33.8593, 33.0874, 8.6049
YIQ	151.7930, 56.9020, -18.0260

# Conversions

## Conversions Part 2

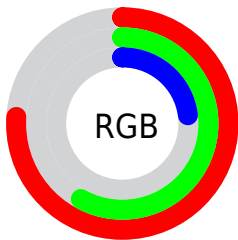
Format	Color
<a href="#">RYB</a>	<a href="#">130, 195, 58</a>
Decimal	<a href="#">12817466</a>
CIELab	<a href="#">64.23, 8.62, 52.50</a>
CIELCh	<a href="#">64, 53.206, 80.676</a>
Yxy	<a href="#">33.0874, 0.4482, 0.4379</a>
Android (android.graphics.Color)	<a href="#">4291007546</a> ( <a href="#">0xFFC3943A</a> )
YUV	<a href="#">151.7930, -46.2399, 37.8925</a>
Hunter-Lab	<a href="#">57.5216, 4.4086, 31.3957</a>

# Details

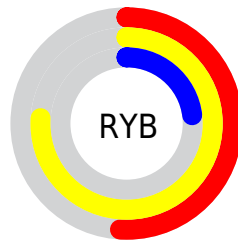
The Hex color **C3943A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3A69C3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFCA6E**, and **896200** is the 20% darker color. If you saturate the color by 10%, you get **C38D26**, and if you desaturate by 10%, it is **C39B4D**.

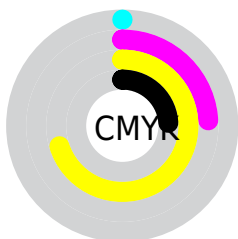
# Distribution



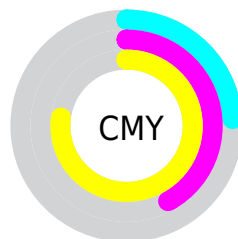
- Red (76%)
- Green (58%)
- Blue (23%)



- Red (51%)
- Yellow (76%)
- Blue (23%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (24%)



- Cyan (24%)
- Magenta (42%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3943A 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 C3943A by changing the saturation by 10% instead.



 C3943A

 C3943A

FFFFFF

 A67A1F

 FFCA6E

 896200

 FFE688

 6D4A00

 FFFFA3

 523400

 FFFFBF

 371F00

 FFFFDC

 1F0800

 FFFFF9

 000000

 C3943A

 C3943A

 C38D26

 C39B4D

 C38713

 C3A161

 C38000

 C3A874

 C3AF88

 C3B59B

 C3BCAF

 C3C3C2

 C3CAD6

 C3D0E9

# Harmonies

## Analogous

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



E48254



C3943A



96A33D

# Triad

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



C3943A



00B3BC



C782D8

# Complementary

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



C3943A



3A69C3

# 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.



8595F5



C3943A



00AFE4

# Square

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



C3943A



00B28B



00A5F9



EB73AD

# Rectangle

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



C3943A



72AA50



00A5F9



B588E4



# Sweetspot

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



C3943A



FCEAC7



C33A6A



807560



000000



808080



# Same Dimension

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



C3943A



FCB428



AEC33A



615E57



A16A00



211600



# Inverse Universe

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



3A69C3



2871FC



4F3AC3



575B61



0037A1

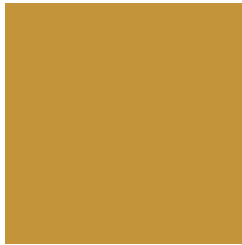


000B21



# Previews

## White Background



This preview shows how the Hex color C3943A looks on a white background.

## Color Contrast Check

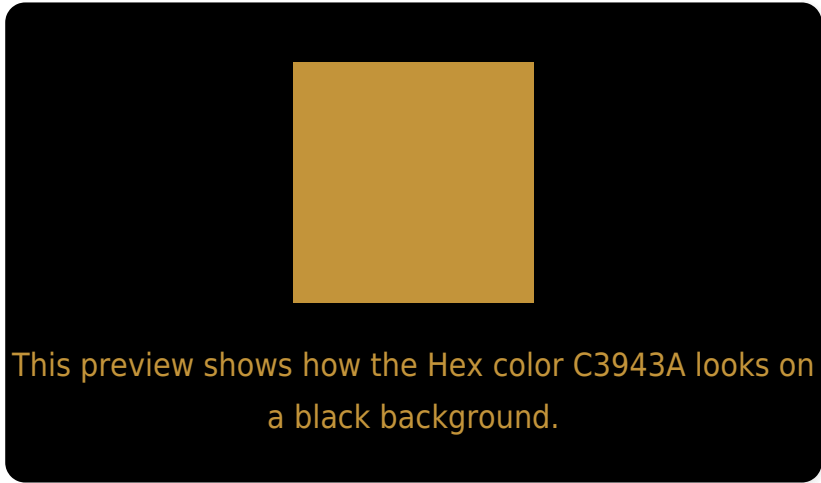
Large Text (above 18pt) WCAG AA × Fail

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 C3943A Background



This preview shows how black text looks on a background with the Hex color C3943A.

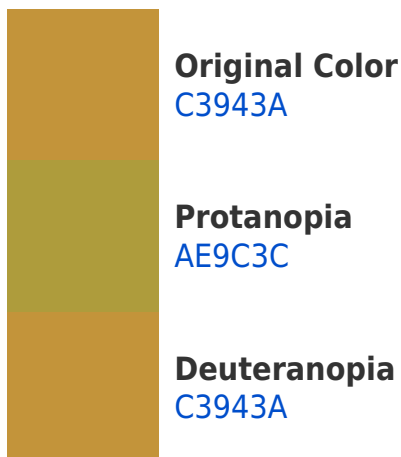


This preview shows how white text looks on a background with the Hex color C3943A.

# 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](#).

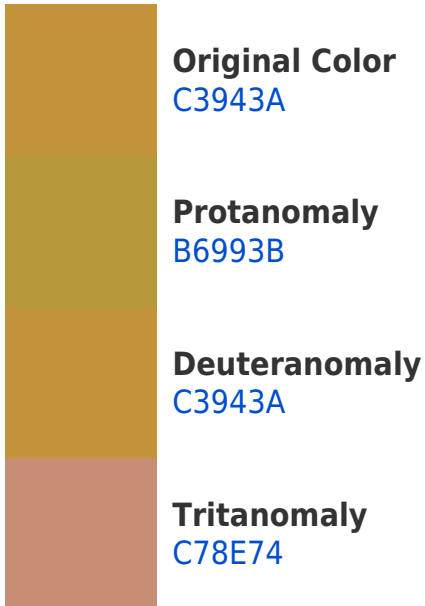
## Dichromacy



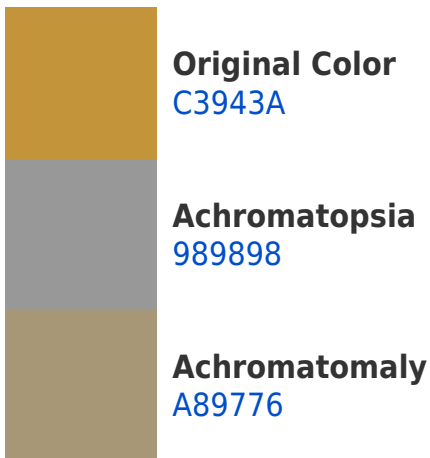


**Tritanopia**  
C98B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3943A 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 #C3943A looks like.

```
.text, #text, p{  
    color:#C3943A  
}
```

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 #C3943A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3943A
}
```

## Border

The CSS property to change the border of an element to Hex C3943A 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
#C3943A }
```

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

```
.border{ border-color:#C3943A }
```

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

Here you see how a box with a 4 pixel #C3943A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3943A; -webkit-box-shadow:4px 4px  
4px 4px #C3943A; box-shadow:4px 4px 4px  
4px #C3943A }
```

# Background

The CSS property to change the background color of an element to Hex C3943A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3943A }
```

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

```
.background{ background-color:#C3943A }
```

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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