

Converting Colors

Hex(C49435)

Have a look what the booklet for
Hex(C49435) contains.

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Color

Hex(C49435)

Conversions

Conversions Part 1

Format	Color
Hex	C49435
RGB	196, 148, 53
RGB Percent	77%, 58%, 21%
CMY	0.2314, 0.4196, 0.7922
CMYK	0.00, 0.24, 0.73, 0.23
HSL	40°, 57%, 49%
HSV	40°, 73%, 77%
XYZ	33.9975, 33.1726, 7.9793
YIQ	151.5220, 59.1030, -19.3690

Conversions

Conversions Part 2

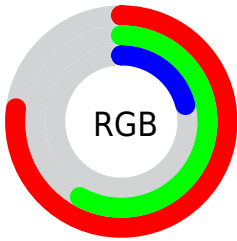
Format	Color
RYB	125, 196, 53
Decimal	12882997
CIELab	64.30, 8.80, 54.75
CIElCh	64, 55.458, 80.865
Yxy	33.1726, 0.4524, 0.4414
Android (android.graphics.Color)	4291073077 (0xFFC49435)
YUV	151.5220, -48.5713, 39.0072
Hunter-Lab	57.5957, 4.5722, 32.1030

Details

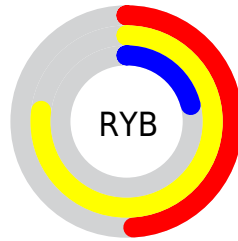
The Hex color **C49435** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3565C4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFCA69**, and **8A6200** is the 20% darker color. If you saturate the color by 10%, you get **C48D21**, and if you desaturate by 10%, it is **C49B49**.

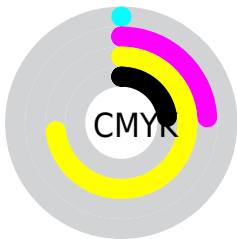
Distribution



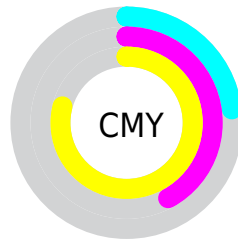
- Red (77%)
- Green (58%)
- Blue (21%)



- Red (49%)
- Yellow (77%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49435 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 C49435 by changing the saturation by 10% instead.

 C49435

 C49435

FFFFFF

 A77A19

 FFCA69

 8A6200

 FFE684

 6E4A00

 FFFF9F

 523400

 FFFFBB

 381F00

 FFFFFD7

 200800

 FFFFF4

 000000

 C49435

 C49435

 C48D21

 C49B49

 C4870E

 C4A15C

 C48200

 C4A870

 C4AE83

 C4B597

 C4BBAB

 C4C2BE

 C4C9D2

 C4CFE5

Harmonies

Analogous

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



E78150



C49435



95A439

Triad

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



C49435



00B4BE



CA80DB

Complementary

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



C49435



3565C4

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.



8495F9



C49435



00B0E8

Square

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



C49435



00B38B



00A6FD



EF71AD

Rectangle

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



C49435



70AB4D



00A6FD



B687E7

Sweetspot

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



C49435



FFECC7



C43567



80745E



000000



808080

Same Dimension

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



C49435



FFB41F



AFC435



615E57



A16B00



211600

Inverse Universe

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



3565C4



1F6AFF



4A35C4



575A61



0036A1



000B21

Previews

White Background



This preview shows how the Hex color C49435 looks on a white background.

Color Contrast Check

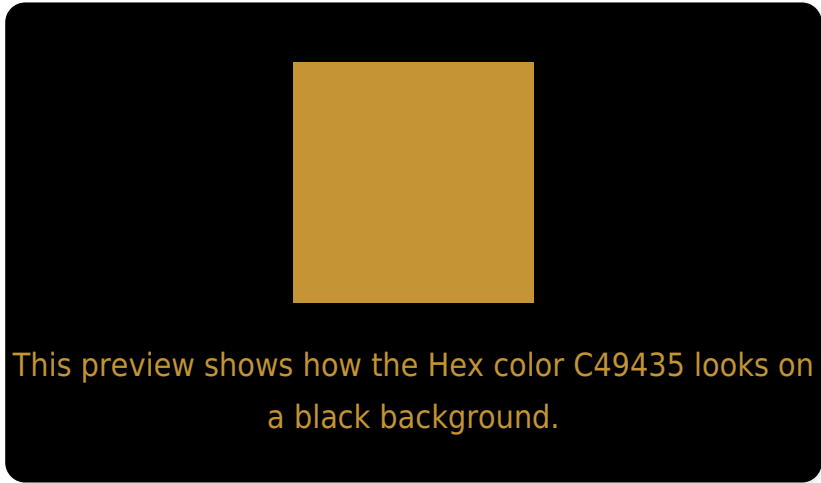
Large Text (above 18pt) WCAG AA × Fail

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 C49435 Background



This preview shows how black text looks on a background with the Hex color C49435.



This preview shows how white text looks on a background with the Hex color C49435.

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
C49435

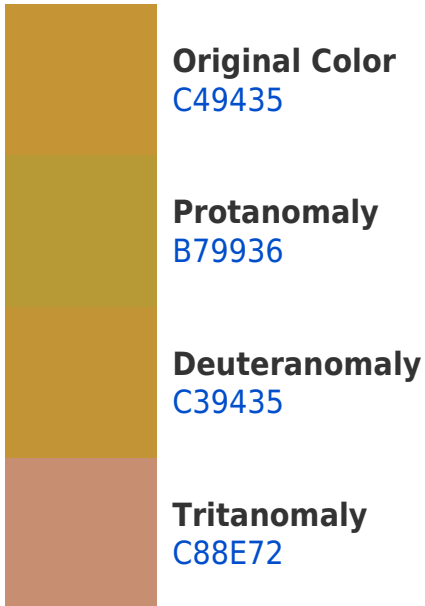
Protanopia
AF9C37

Deuteranopia
C39435

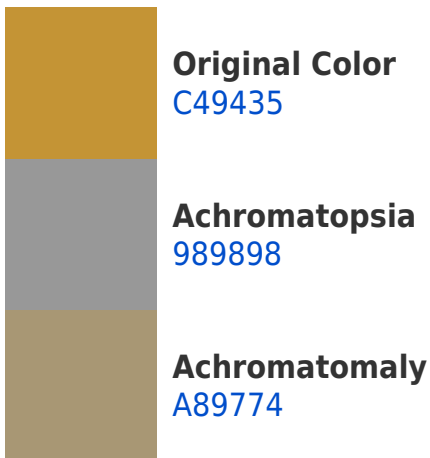


Tritanopia
CB8B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C49435 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 #C49435 looks like.

```
.text, #text, p{  
    color:#C49435  
}
```

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 #C49435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49435
}
```

Border

The CSS property to change the border of an element to Hex C49435 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
#C49435 }
```

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

```
.border{ border-color:#C49435 }
```

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

Here you see how a box with a 4 pixel #C49435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49435; -webkit-box-shadow:4px 4px  
4px 4px #C49435; box-shadow:4px 4px 4px  
4px #C49435 }
```

Background

The CSS property to change the background color of an element to Hex C49435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49435 }
```

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

```
.background{ background-color:#C49435 }
```

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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