

# Converting Colors

Hex(CC8429)

Have a look what the booklet for  
Hex(CC8429) contains.

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**Color**

**Hex(CC8429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC8429
RGB	204, 132, 41
RGB Percent	80%, 52%, 16%
CMY	0.2000, 0.4824, 0.8392
CMYK	0.00, 0.35, 0.80, 0.20
HSL	33°, 67%, 48%
HSV	33°, 80%, 80%
XYZ	33.5533, 29.5000, 6.0234
YIQ	143.1540, 72.1230, -13.0370

# Conversions

## Conversions Part 2

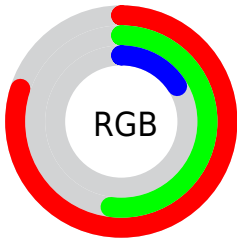
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 204, 41
Decimal	13403177
CIE <sub>Lab</sub>	61.22, 20.53, 56.93
CIE <sub>LCh</sub>	61, 60.520, 70.172
Yxy	29.5000, 0.4857, 0.4271
Android (android.graphics.Color)	4291593257 (0xFFCC8429)
YUV	143.1540, -50.3619, 53.3619
Hunter-Lab	54.3139, 15.2221, 31.4444

# Details

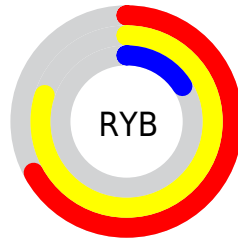
The Hex color **CC8429** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2971CC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB95E**, and **905200** is the 20% darker color. If you saturate the color by 10%, you get **CC7B15**, and if you desaturate by 10%, it is **CC8D3D**.

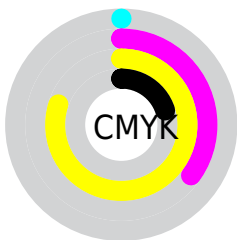
# Distribution



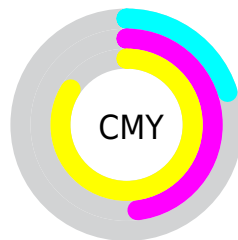
- Red (80%)
- Green (52%)
- Blue (16%)



- Red (67%)
- Yellow (80%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (80%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC8429 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 CC8429 by changing the saturation by 10% instead.



 CC8429

 CC8429

FFFFFF

 AE6B08

 FFB95E

 905200

 FFD578

 743B00

 FFF193

 572500

 FFFF4E

 3C0F00

 FFFFC4

 250000

 FFFF77

 000000

 CC8429

 CC8429

 CC7B15

 CC8D3D

■ CC7200

■ CC9652

■ CC9F66

■ CCA87B

■ CCB18F

■ CCBA A3

■ CCC3B8

■ CCCCCC

■ CCD5E1

# Harmonies

## Analogous

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



EB6E51



CC8429



9E971B

# Triad

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



CC8429



00ADA5



AE7EE6

# Complementary

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



CC8429



2971CC

# 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.



4594FD



CC8429



00ABD8

# Square

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



CC8429



00AB6D



00A3F8



E268B9

# Rectangle

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



CC8429



79A02E



00A3F8



9485F1

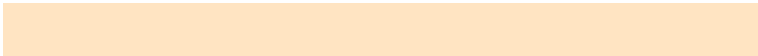


# Sweetspot

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



CC8429



FFE4C2



CC2972



806F5B



000000



808080



# Same Dimension

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



CC8429



FF930A



C4CC29



66615C



A65D00



261500



# Inverse Universe

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



2971CC



0A76FF



3129CC



5C6066



0049A6

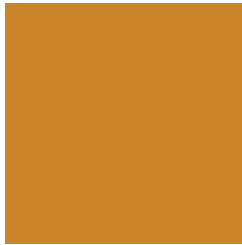


001126



# Previews

## White Background



This preview shows how the Hex color CC8429 looks on a white background.

## Color Contrast Check

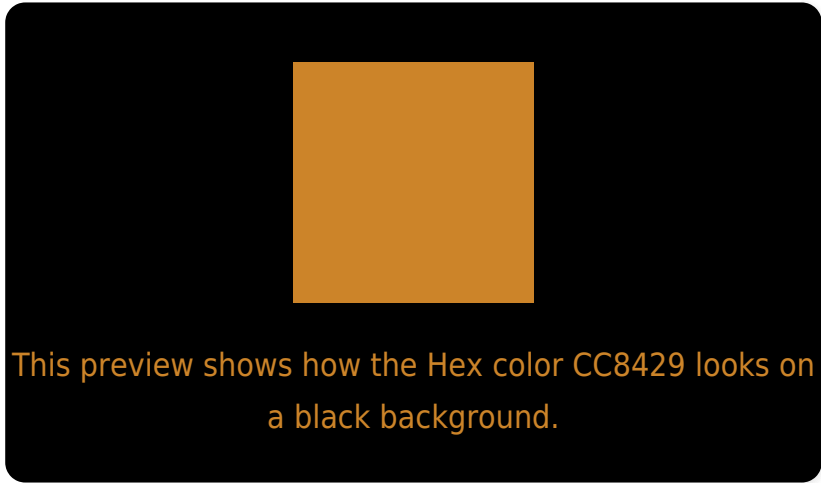
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CC8429 Background



This preview shows how black text looks on a background with the Hex color CC8429.

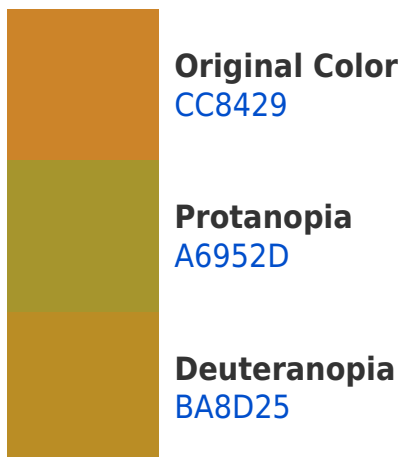



This preview shows how white text looks on a background with the Hex color CC8429.

# 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](#).

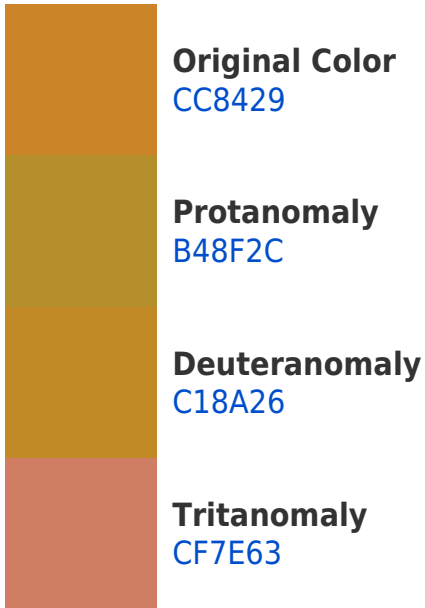
## Dichromacy





**Tritanopia**  
D17B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC8429 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 #CC8429 looks like.

```
.text, #text, p{  
    color:#CC8429  
}
```

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 #CC8429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8429
}
```

## Border

The CSS property to change the border of an element to Hex CC8429 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
#CC8429 }
```

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

```
.border{ border-color:#CC8429 }
```

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

Here you see how a box with a 4 pixel #CC8429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8429; -webkit-box-shadow:4px 4px  
4px 4px #CC8429; box-shadow:4px 4px 4px  
4px #CC8429 }
```

# Background

The CSS property to change the background color of an element to Hex CC8429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8429 }
```

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

```
.background{ background-color:#CC8429 }
```

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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