

Converting Colors

Hex(CFA829)

Have a look what the booklet for
Hex(CFA829) contains.

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Color

Hex(CFA829)

Conversions

Conversions Part 1

Format	Color
Hex	CFA829
RGB	207, 168, 41
RGB Percent	81%, 66%, 16%
CMY	0.1882, 0.3412, 0.8392
CMYK	0.00, 0.19, 0.80, 0.19
HSL	46°, 67%, 49%
HSV	46°, 80%, 81%
XYZ	40.1350, 41.4308, 7.9794
YIQ	165.1830, 64.0110, -31.2290

Conversions

Conversions Part 2

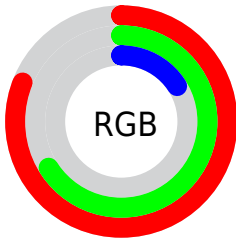
Format	Color
R_{YB}	92, 207, 41
Decimal	13609001
CIE _{Lab}	70.48, 2.37, 65.40
CIE _{LCh}	70, 65.446, 87.924
Yxy	41.4308, 0.4482, 0.4627
Android (android.graphics.Color)	4291799081 (0xFFCFA829)
YUV	165.1830, -61.2222, 36.6735
Hunter-Lab	64.3667, -1.3405, 37.7066

Details

The Hex color **CFA829** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2950CF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDF62**, and **947400** is the 20% darker color. If you saturate the color by 10%, you get **CFA314**, and if you desaturate by 10%, it is **CFAD3E**.

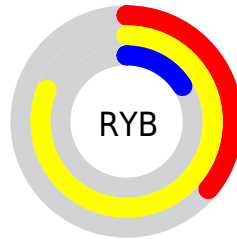
Distribution



Red (81%)

Green (66%)

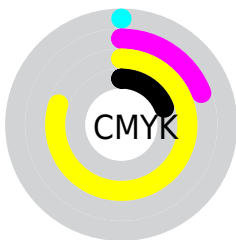
Blue (16%)



Red (36%)

Yellow (81%)

Blue (16%)

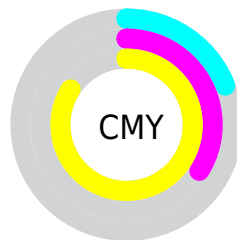


Cyan (0%)

Magenta (19%)

Yellow (80%)

Black (19%)



Cyan (19%)

Magenta (34%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFA829 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 CFA829 by changing the saturation by 10% instead.



CFA829



CFA829

FFFFFF



B18E00



FFDF62



947400



FFFB7D



785C00



FFFF99



5C4500



FFFFB5



412F00



FFFD1



271B00



FFFEE



090000



000000



CFA829



CFA829

 CFA314

 CFAD3E

 CF9E00

 CFB252

 CFB767

 CFBB7C

 CFC091

 CFC5A5

 CFCABA

 CFCFCF

 CFD4E3

Harmonies

Analogous

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



FC9147



CFA829



94B93A

Triad

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



CFA829



00C8E2



F185EC

Complementary

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



CFA829



2950CF

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.



A69EFF



CFA829



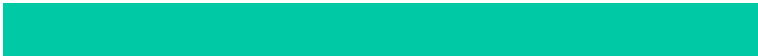
00C2FF

Square

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



CFA829



00C9A6



00B4FF



FF75B3

Rectangle

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



CFA829



62C158



00B4FF



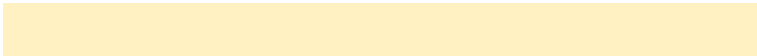
DC8DFD

Sweetspot

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



CFA829



FFF1C2



CF2952



80775B



000000



808080

Same Dimension

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



CFA829



FFC50A



A6CF29



69665E



A88100



291F00

Inverse Universe

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



2950CF



0A44FF



5229CF



5E6169



0028A8



000A29

Previews

White Background



This preview shows how the Hex color CFA829 looks on a white background.

Color Contrast Check

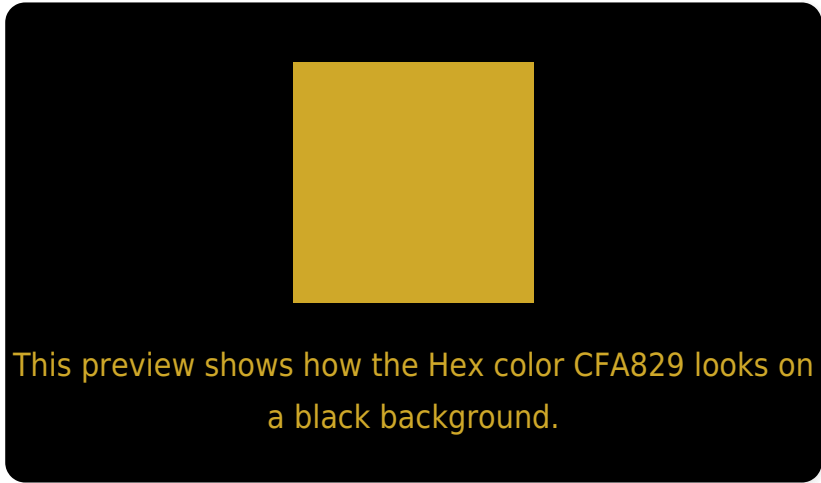
Large Text (above 18pt) WCAG AA × Fail

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 CFA829 Background



This preview shows how black text looks on a background with the Hex color CFA829.



This preview shows how white text looks on a background with the Hex color CFA829.

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
CFA829

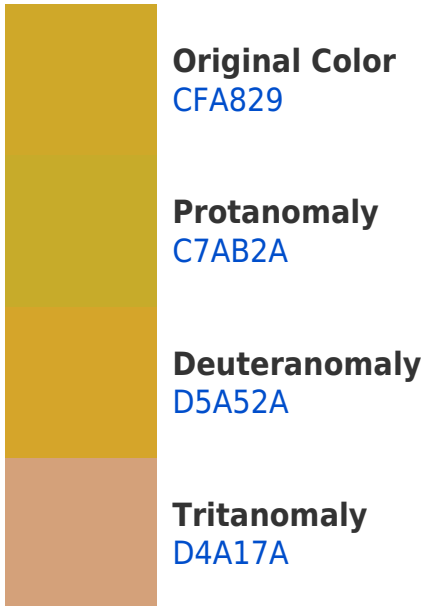
Protanopia
C2AD2A

Deuteranopia
D9A42B

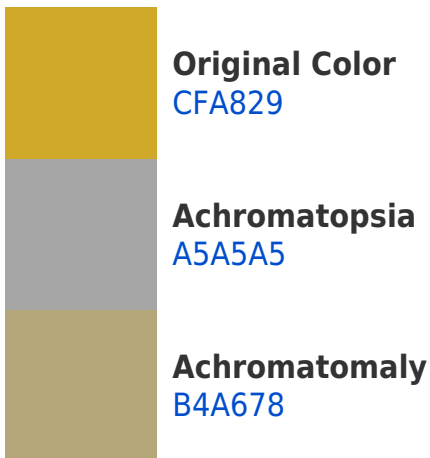


Tritanopia
D79DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFA829 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 #CFA829 looks like.

```
.text, #text, p{  
    color:#CFA829  
}
```

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 #CFA829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA829
}
```

Border

The CSS property to change the border of an element to Hex CFA829 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
#CFA829 }
```

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

```
.border{ border-color:#CFA829 }
```

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

Here you see how a box with a 4 pixel #CFA829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA829; -webkit-box-shadow:4px 4px  
4px 4px #CFA829; box-shadow:4px 4px 4px  
4px #CFA829 }
```

Background

The CSS property to change the background color of an element to Hex CFA829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA829 }
```

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

```
.background{ background-color:#CFA829 }
```

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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