

# Converting Colors

Hex(C2A60C)

Have a look what the booklet for  
Hex(C2A60C) contains.

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# **Color**

**Hex(C2A60C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A60C
RGB	194, 166, 12
RGB Percent	76%, 65%, 5%
CMY	0.2392, 0.3490, 0.9529
CMYK	0.00, 0.14, 0.94, 0.24
HSL	51°, 88%, 40%
HSV	51°, 94%, 76%
XYZ	35.9507, 38.7683, 5.9361
YIQ	156.8160, 66.1220, -41.9580

# Conversions

## Conversions Part 2

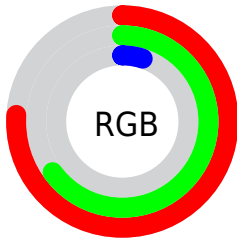
Format	Color
<a href="#">RYB</a>	<a href="#">45, 194, 12</a>
Decimal	<a href="#">12756492</a>
CIELab	<a href="#">68.58, -2.98, 70.00</a>
CIElCh	<a href="#">69, 70.060, 92.441</a>
Yxy	<a href="#">38.7683, 0.4457, 0.4807</a>
Android (android.graphics.Color)	<a href="#">4290946572</a> ( <a href="#">0xFFC2A60C</a> )
YUV	<a href="#">156.8160, -71.3943, 32.6104</a>
Hunter-Lab	<a href="#">62.2642, -5.8983, 37.9324</a>

# Details

The Hex color **C2A60C** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0C28C2**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FEDD51**, and **887300** is the 20% darker color. If you saturate the color by 10%, you get **C2A400**, and if you desaturate by 10%, it is **C2A91F**.

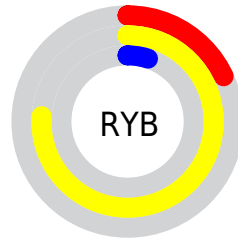
# Distribution



Red (76%)

Green (65%)

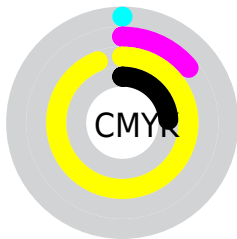
Blue (5%)



Red (18%)

Yellow (76%)

Blue (5%)

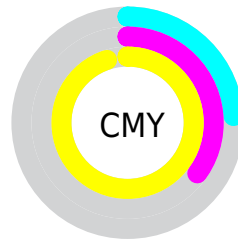


Cyan (0%)

Magenta (14%)

Yellow (94%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2A60C 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 C2A60C by changing the saturation by 10% instead.



 C2A60C

 C2A60C

FFFFFF

 A58C00

 FEDD51

 887300

 FFF96D

 6C5A00

 FFFF89

 504300

 FFFFA5

 352D00

 FFFFC1

 1D1900

 FFFFDE

 000000

 FFFFFC

 C2A60C

 C2A60C

■ C2A400

■ C2A91F

■ C2AC33

■ C2AF46

■ C2B25A

■ C2B56D

■ C2B880

■ C2BB94

■ C2BEA7

■ C2C1BB

# Harmonies

## Analogous

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



F48E32



C2A60C



82B730

# Triad

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



C2A60C



00C4EA



F778E3

# Complementary

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



C2A60C



0C28C2

# 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.



AE94FF



C2A60C



00BDFF

# Square

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



C2A60C



00C5AB



00ADFF



FF68A5

# Rectangle

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



C2A60C



43BE55



00ADFF



E481F5



# Sweetspot

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



C2A60C



FCF2B6



C20C2A



807954



000000



808080



# Same Dimension

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



C2A60C



FCD600



85C20C



615F57



A18800



211C00



# Inverse Universe

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



0C28C2



0027FC



490CC2



575961



0019A1

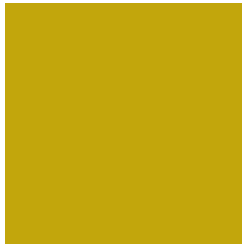


000521



# Previews

## White Background



This preview shows how the Hex color C2A60C looks on a white background.

## Color Contrast Check

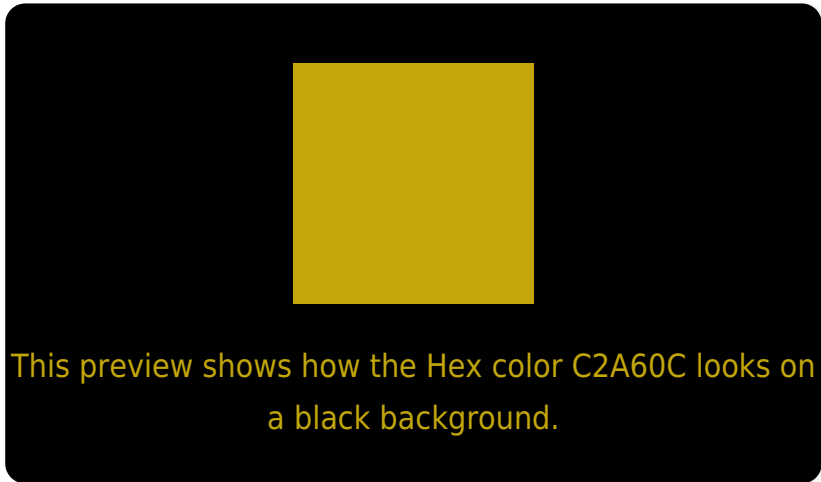
Large Text (above 18pt) WCAG AA × Fail

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 C2A60C Background



This preview shows how black text looks on a background with the Hex color C2A60C.

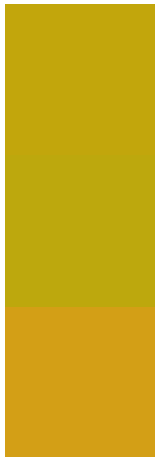


This preview shows how white text looks on a background with the Hex color C2A60C.

# 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**  
C2A60C

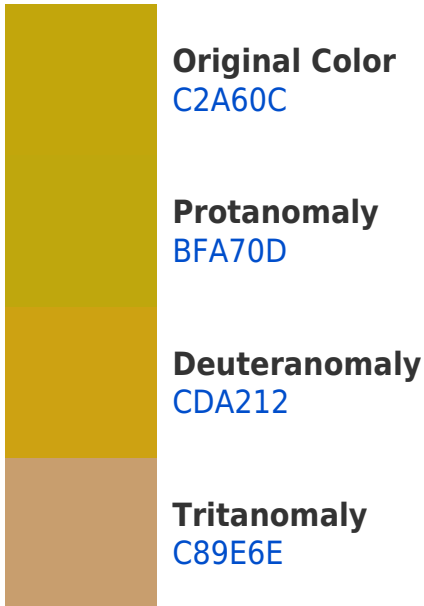
**Protanopia**  
BDA80D

**Deuteranopia**  
D39F16



**Tritanopia**  
CB9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2A60C 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 #C2A60C looks like.

```
.text, #text, p{  
    color:#C2A60C  
}
```

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 #C2A60C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A60C
}
```

## Border

The CSS property to change the border of an element to Hex C2A60C 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
#C2A60C }
```

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

```
.border{ border-color:#C2A60C }
```

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

Here you see how a box with a 4 pixel #C2A60C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A60C; -webkit-box-shadow:4px 4px  
4px 4px #C2A60C; box-shadow:4px 4px 4px  
4px #C2A60C }
```

# Background

The CSS property to change the background color of an element to Hex C2A60C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A60C }
```

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

```
.background{ background-color:#C2A60C }
```

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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