

# Converting Colors

Hex(C2A800)

Have a look what the booklet for  
Hex(C2A800) contains.

<b>Hex(C2A800)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C2A800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A800
RGB	194, 168, 0
RGB Percent	76%, 66%, 0%
CMY	0.2392, 0.3412, 1.0000
CMYK	0.00, 0.13, 1.00, 0.24
HSL	52°, 100%, 38%
HSV	52°, 100%, 76%
XYZ	36.2508, 39.4746, 5.7087
YIQ	156.6220, 69.4240, -46.7360

# Conversions

## Conversions Part 2

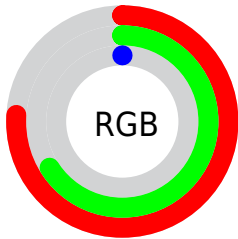
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	30, 194, 0
Decimal	12756992
CIE Lab	69.09, -4.18, 71.86
CIE LCh	69, 71.979, 93.330
Yxy	39.4746, 0.4452, 0.4847
Android (android.graphics.Color)	4290947072 (0xFFC2A800)
YUV	156.6220, -77.2146, 32.7805
Hunter-Lab	62.8288, -6.9601, 38.5930

# Details

The Hex color **C2A800** 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 **001AC2**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFDF4D**, and **877500** is the 20% darker color. If you saturate the color by 10%, you get **C2A800**, and if you desaturate by 10%, it is **C2AB13**.

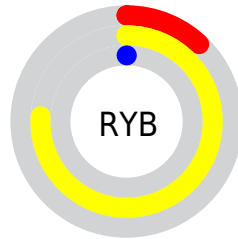
# Distribution



Red (76%)

Green (66%)

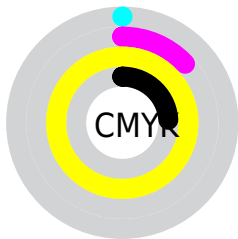
Blue (0%)



Red (12%)

Yellow (76%)

Blue (0%)

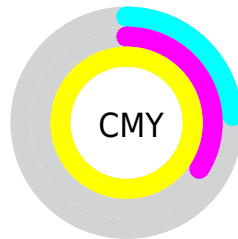


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (34%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2A800 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 C2A800 by changing the saturation by 10% instead.



 C2A800

 C2A800

FFFFFF

 A48E00

 FFDF4D

 877500

 FFFB6A

 6B5C00

 FFFF86

 504500

 FFFFA2

 352F00

 FFFFBE

 1D1B00

 FFFFDC

 000000

 FFFFF9

 C2A800

 C2AB13

 C2AD27

 C2B03A

 C2B24E

 C2B561

 C2B874

 C2BA88

 C2BD9B

 C2BFAF

# Harmonies

## Analogous

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



F68F2E



C2A800



7FB92E

# Triad

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



C2A800



00C6EF



FD76E4

# Complementary

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



C2A800



001AC2

# 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.



B294FF



C2A800



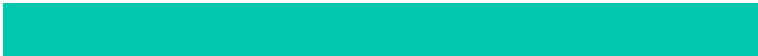
00BEFF

# Square

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



C2A800



00C7AE



00AEFF



FF67A4

# Rectangle

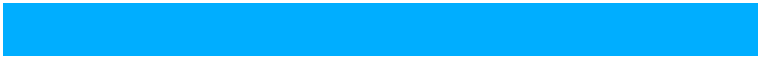
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2A800



3CC056



00AEFF



E980F7

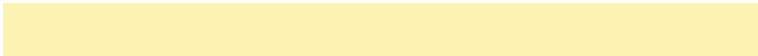


# Sweetspot

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



C2A800



FCF2B1



C2001D



807952



000000



808080



# Same Dimension

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



C2A800



FCDB00



7EC200



616057



A18B00



211D00



# Inverse Universe

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



001AC2



0022FC



4400C2



575961



0016A1

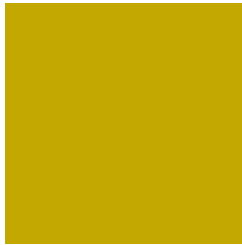


000421



# Previews

## White Background



This preview shows how the Hex color C2A800 looks on a white background.

## Color Contrast Check

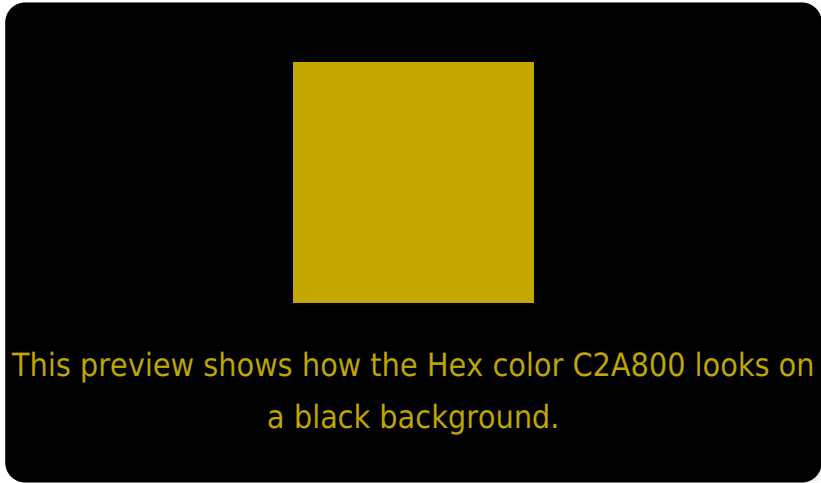
Large Text (above 18pt) WCAG AA × Fail

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 C2A800 Background



This preview shows how black text looks on a background with the Hex color C2A800.

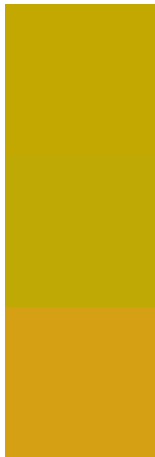


This preview shows how white text looks on a background with the Hex color C2A800.

# 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**  
C2A800

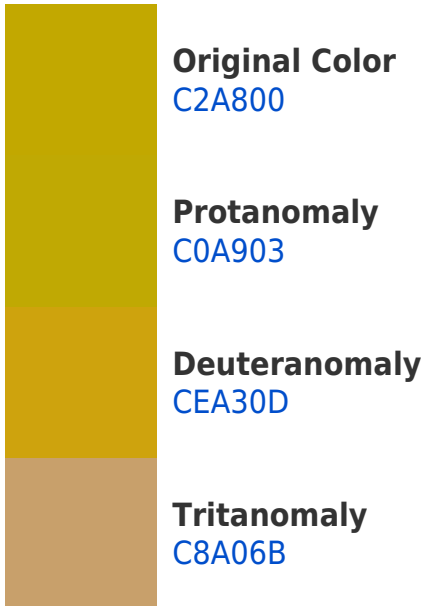
**Protanopia**  
BFA905

**Deuteranopia**  
D5A014

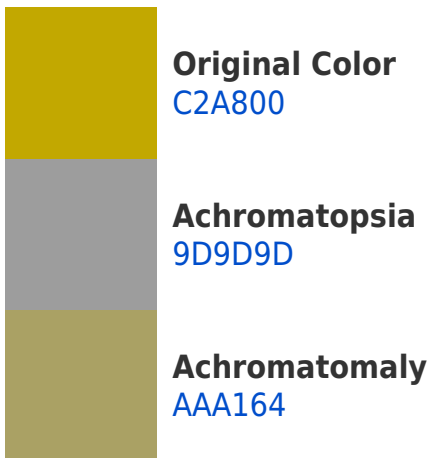


**Tritanopia**  
CB9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2A800 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 #C2A800 looks like.

```
.text, #text, p{  
    color:#C2A800  
}
```

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 #C2A800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A800
}
```

## Border

The CSS property to change the border of an element to Hex C2A800 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
#C2A800 }
```

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

```
.border{ border-color:#C2A800 }
```

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

Here you see how a box with a 4 pixel #C2A800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A800; -webkit-box-shadow:4px 4px  
4px 4px #C2A800; box-shadow:4px 4px 4px  
4px #C2A800 }
```

# Background

The CSS property to change the background color of an element to Hex C2A800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A800 }
```

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

```
.background{ background-color:#C2A800 }
```

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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