

# Converting Colors

Hex(C2A446)

Have a look what the booklet for  
Hex(C2A446) contains.

<b>Hex(C2A446)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C2A446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A446
RGB	194, 164, 70
RGB Percent	76%, 64%, 27%
CMY	0.2392, 0.3569, 0.7255
CMYK	0.00, 0.15, 0.64, 0.24
HSL	45°, 50%, 52%
HSV	45°, 64%, 76%
XYZ	36.6291, 38.4624, 11.2878
YIQ	162.2540, 48.0540, -22.8740

# Conversions

## Conversions Part 2

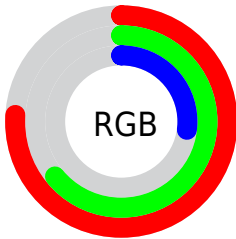
Format	Color
<a href="#">RYB</a>	<a href="#">110, 194, 70</a>
Decimal	<a href="#">12756038</a>
CIELab	<a href="#">68.36, 0.24, 51.49</a>
CIElCh	<a href="#">68, 51.495, 89.736</a>
Yxy	<a href="#">38.4624, 0.4240, 0.4453</a>
Android (android.graphics.Color)	<a href="#">4290946118</a> (0xFFC2A446)
YUV	<a href="#">162.2540, -45.4812, 27.8412</a>
Hunter-Lab	<a href="#">62.0181, -3.1061, 32.6214</a>

# Details

The Hex color **C2A446** 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 **4664C2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FDDB7A**, and **89710E** is the 20% darker color. If you saturate the color by 10%, you get **C29F33**, and if you desaturate by 10%, it is **C2A959**.

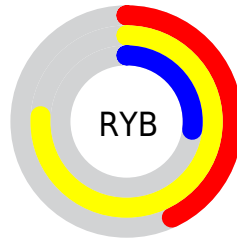
# Distribution



Red (76%)

Green (64%)

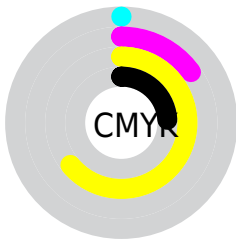
Blue (27%)



Red (43%)

Yellow (76%)

Blue (27%)

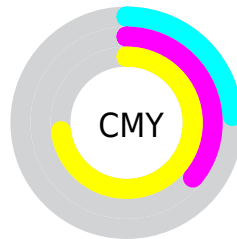


Cyan (0%)

Magenta (15%)

Yellow (64%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2A446 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 C2A446 by changing the saturation by 10% instead.



 C2A446

 C2A446

FFFFFF

 A58A2C

 FDDB7A

 89710E

 FFF795

 6E5800

 FFFFB0

 534100

 FFFFCC

 392C00

 FFFFFE9

 201700

 000000

 C2A446

 C2A446

 C29F33

 C2A959

 C29B1F

 C2AD6D

 C2960C

 C2B280

 C29300

 C2B794

 C2BBA7

 C2C0BA

 C2C5CE

 C2CAE1

 C2CEF5

# Harmonies

## Analogous

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



E79357



C2A446



93B252

# Triad

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



C2A446



00BDD3



E089D6

# Complementary

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



C2A446



4664C2

# 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.



A99BF8



C2A446



00B8F6

# Square

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



C2A446



00BEA5



4CACFF



FB7FA9

# Rectangle

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



C2A446



6DB868



4CACFF



D08EE3

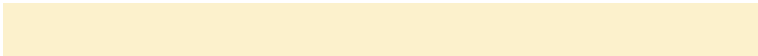


# Sweetspot

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



C2A446



FCF1CC



C24665



807862



000000



808080



# Same Dimension

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



C2A446



FCCD3A



A3C246



615F57



A17A00



211900



# Inverse Universe

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



4664C2



3A69FC



6546C2



575A61



0027A1

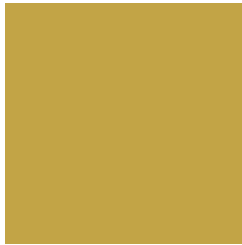


000821



# Previews

## White Background



This preview shows how the Hex color C2A446 looks on a white background.

## Color Contrast Check

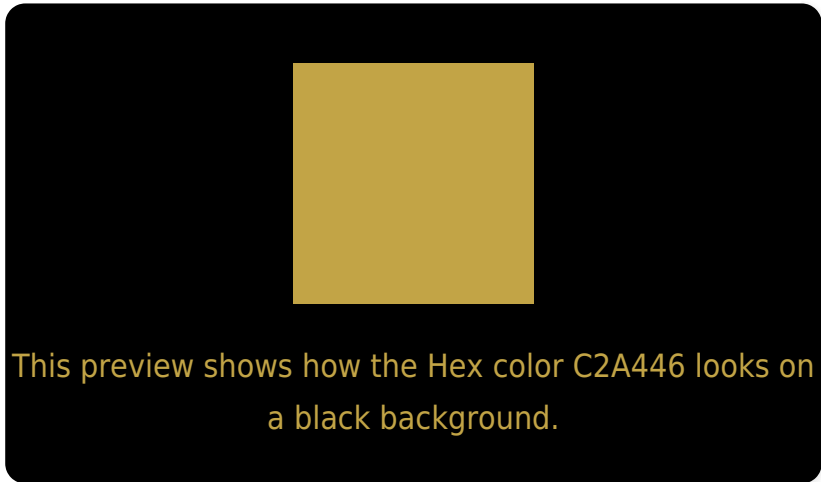
Large Text (above 18pt) WCAG AA × Fail

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 C2A446 Background



This preview shows how black text looks on a background with the Hex color C2A446.



This preview shows how white text looks on a background with the Hex color C2A446.

# 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**  
C2A446

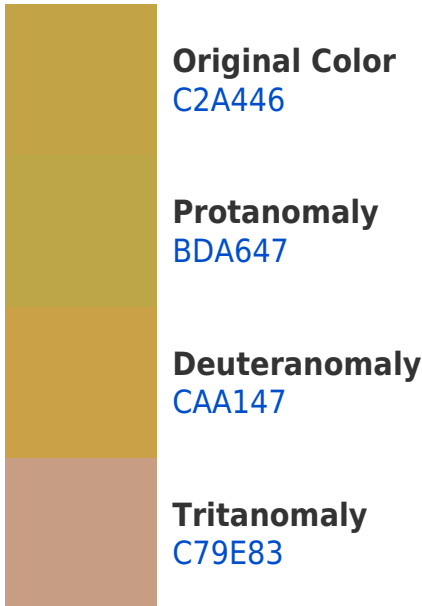
**Protanopia**  
BAA747

**Deuteranopia**  
CF9F48

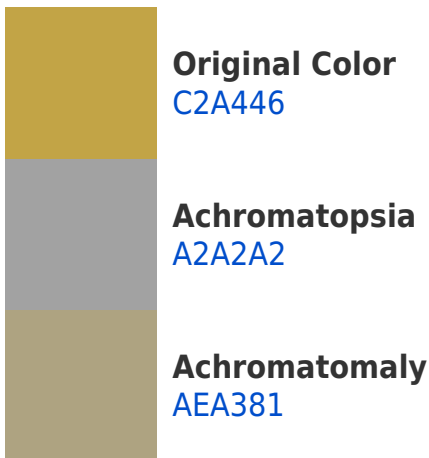


**Tritanopia**  
CA9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2A446 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 #C2A446 looks like.

```
.text, #text, p{  
    color:#C2A446  
}
```

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 #C2A446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A446
}
```

## Border

The CSS property to change the border of an element to Hex C2A446 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
#C2A446 }
```

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

```
.border{ border-color:#C2A446 }
```

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

Here you see how a box with a 4 pixel #C2A446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A446; -webkit-box-shadow:4px 4px  
4px 4px #C2A446; box-shadow:4px 4px 4px  
4px #C2A446 }
```

# Background

The CSS property to change the background color of an element to Hex C2A446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A446 }
```

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

```
.background{ background-color:#C2A446 }
```

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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