

Converting Colors

Hex(C2A451)

Have a look what the booklet for
Hex(C2A451) contains.

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Color

Hex(C2A451)

Conversions

Conversions Part 1

Format	Color
Hex	C2A451
RGB	194, 164, 81
RGB Percent	76%, 64%, 32%
CMY	0.2392, 0.3569, 0.6824
CMYK	0.00, 0.15, 0.58, 0.24
HSL	44°, 48%, 54%
HSV	44°, 58%, 76%
XYZ	37.0088, 38.6143, 13.2873
YIQ	163.5080, 44.5230, -19.4530

Conversions

Conversions Part 2

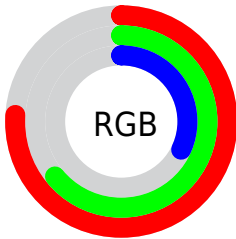
Format	Color
RYB	122, 194, 81
Decimal	12756049
CIELab	68.47, 1.01, 46.44
CIELCh	68, 46.448, 88.751
Yxy	38.6143, 0.4162, 0.4343
Android (android.graphics.Color)	4290946129 (0xFFC2A451)
YUV	163.5080, -40.6764, 26.7415
Hunter-Lab	62.1404, -2.4370, 30.8205

Details

The Hex color **C2A451** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **516FC2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FDD885**, and **8A711E** is the 20% darker color. If you saturate the color by 10%, you get **C29F3E**, and if you desaturate by 10%, it is **C2A964**.

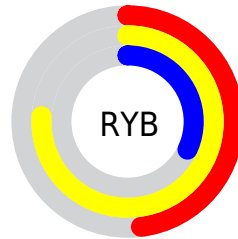
Distribution



Red (76%)

Green (64%)

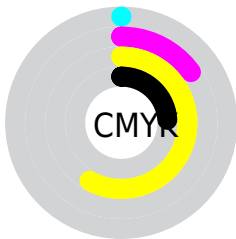
Blue (32%)



Red (48%)

Yellow (76%)

Blue (32%)

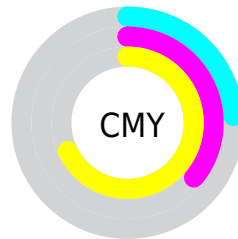


Cyan (0%)

Magenta (15%)

Yellow (58%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2A451 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 C2A451 by changing the saturation by 10% instead.



C2A451



C2A451

FFFFFF



A58A38



FDDB85



8A711E



FFF7A0



6E5800



FFFFBB



544100



FFFFD7



3A2B00



FFFFF4



211700



000000



C2A451



C2A451



C29F3E



C2A964

 C29A2A

 C2AE78

 C29517

 C2B38B

 C28F03

 C2B99F

 C28E00

 C2BEB2

 C2C3C5

 C2C8D9

 C2CDEC

 C2D2FF

Harmonies

Analogous

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



E39560



C2A451



97B05B

Triad

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



C2A451



00BCCE



D98DD3

Complementary

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



C2A451



516FC2

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.



A89DF1



C2A451



00B7EE

Square

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



C2A451



00BCA4



5BACFB



F384AA

Rectangle

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



C2A451



76B66E



5BACFB



CB92DF

Sweetspot

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



C2A451



FCF1D2



C2516F



807966



000000



808080

Same Dimension

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



C2A451



FCCE4C



A8C251



615E57



A17600



211800

Inverse Universe

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



516FC2



4C7BFC



6B51C2



575A61



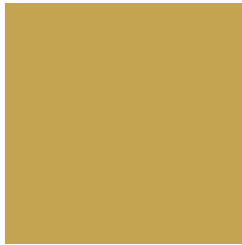
002BA1



000921

Previews

White Background



This preview shows how the Hex color C2A451 looks on a white background.

Color Contrast Check

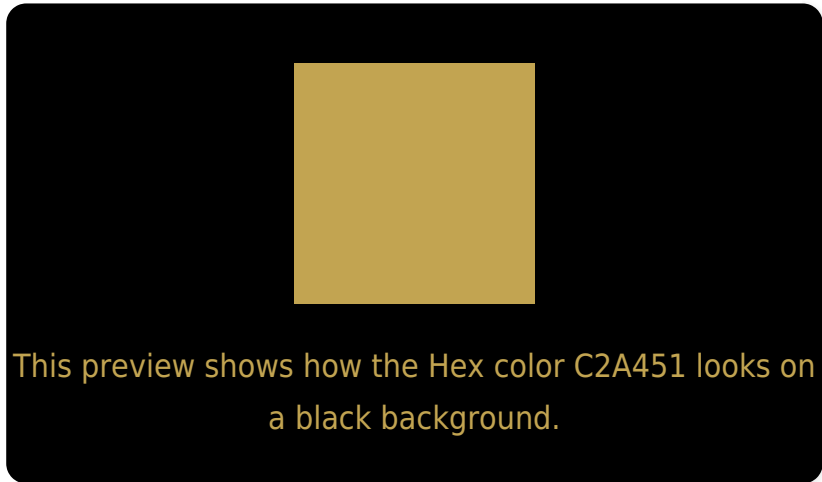
Large Text (above 18pt) WCAG AA × Fail

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 C2A451 Background



This preview shows how black text looks on a background with the Hex color C2A451.



This preview shows how white text looks on a background with the Hex color C2A451.

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
C2A451

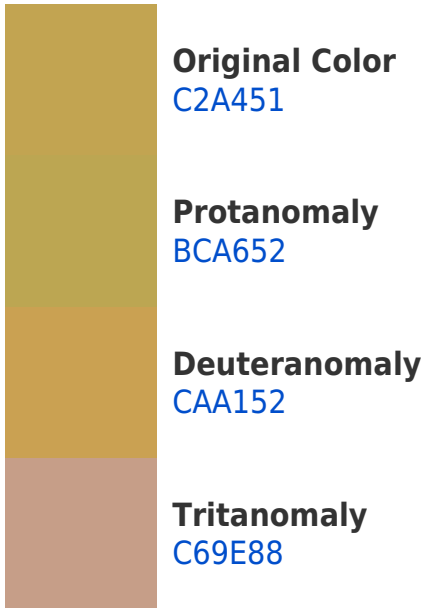
Protanopia
B9A752

Deuteranopia
CE9F52

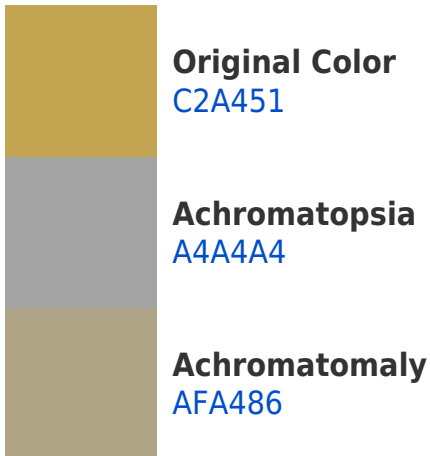


Tritanopia
C99BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2A451 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 #C2A451 looks like.

```
.text, #text, p{  
    color:#C2A451  
}
```

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 #C2A451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A451
}
```

Border

The CSS property to change the border of an element to Hex C2A451 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
#C2A451 }
```

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

```
.border{ border-color:#C2A451 }
```

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

Here you see how a box with a 4 pixel #C2A451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A451; -webkit-box-shadow:4px 4px  
4px 4px #C2A451; box-shadow:4px 4px 4px  
4px #C2A451 }
```

Background

The CSS property to change the background color of an element to Hex C2A451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A451 }
```

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

```
.background{ background-color:#C2A451 }
```

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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