

Converting Colors

Hex(CACA2C)

Have a look what the booklet for
Hex(CACA2C) contains.

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Color

Hex(CACA2C)

Conversions

Conversions Part 1

Format	Color
Hex	CACA2C
RGB	202, 202, 44
RGB Percent	79%, 79%, 17%
CMY	0.2078, 0.2078, 0.8275
CMYK	0.00, 0.00, 0.78, 0.21
HSL	60°, 64%, 48%
HSV	60°, 78%, 79%
XYZ	45.9323, 54.9795, 10.5741
YIQ	183.9880, 50.7180, -49.1380

Conversions

Conversions Part 2

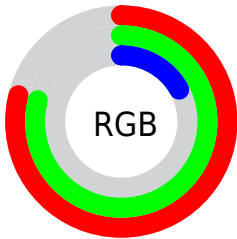
Format	Color
R_{YB}	44, 202, 44
Decimal	13290028
CIE _{Lab}	79.03, -17.24, 71.91
CIE _{LCh}	79, 73.951, 103.480
Yxy	54.9795, 0.4120, 0.4932
Android (android.graphics.Color)	4291480108 (0xFFCACA2C)
YUV	183.9880, -69.0141, 15.7965
Hunter-Lab	74.1481, -19.1845, 43.4485

Details

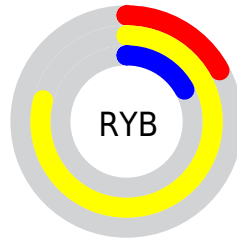
The Hex color **CACA2C** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **2C2CCA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFF68**, and **909400** is the 20% darker color. If you saturate the color by 10%, you get **CACA18**, and if you desaturate by 10%, it is **CACA40**.

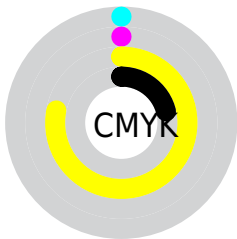
Distribution



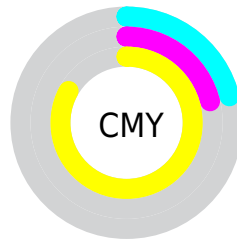
- Red (79%)
- Green (79%)
- Blue (17%)



- Red (17%)
- Yellow (79%)
- Blue (17%)



- Cyan (0%)
- Magenta (0%)
- Yellow (78%)
- Black (21%)



- Cyan (21%)
- Magenta (21%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color CACA2C 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 CACA2C by changing the saturation by 10% instead.

 CACA2C

 CACA2C

FFFFFF

 ADAF00

 FFFF68

 909400

 FFFF84

 747B00

 FFFFA0

 586200

 FFFFBD

 3D4A00

 FFFFFDA

 233400

 FFFFF8

 061F00

 000000

 CACA2C

 CACA2C

 CACA18

 CACA40

 CACA04

 CACA54

 CACA00

 CACA69

 CACA7D

 CACA91

 CACAA5

 CACAB9

 CACACE

 CACAE2

Harmonies

Analogous

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



FFB236



CACA2C



7CDA59

Triad

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



CACA2C



00E1FF



FF89ED

Complementary

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



CACA2C



2C2CCA

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.



EFA4FF



CACA2C



00D6FF

Square

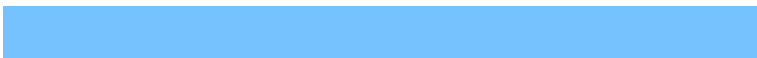
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CACA2C



00E5E2



76C1FF



FF83A7

Rectangle

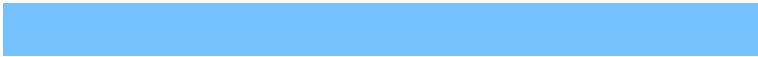
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CACA2C



04E083



76C1FF



FF90FF

Sweetspot

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



CACA2C



FFFFC4



CA2C2C



80805C



000000



808080

Same Dimension

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



CACA2C



FFFF0F



7BCA2C



66665C



A6A600



262600

Inverse Universe

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



2C2CCA



0F0FFF



7B2CCA



5C5C66



0000A6



000026

Previews

White Background



This preview shows how the Hex color CACA2C looks on a white background.

Color Contrast Check

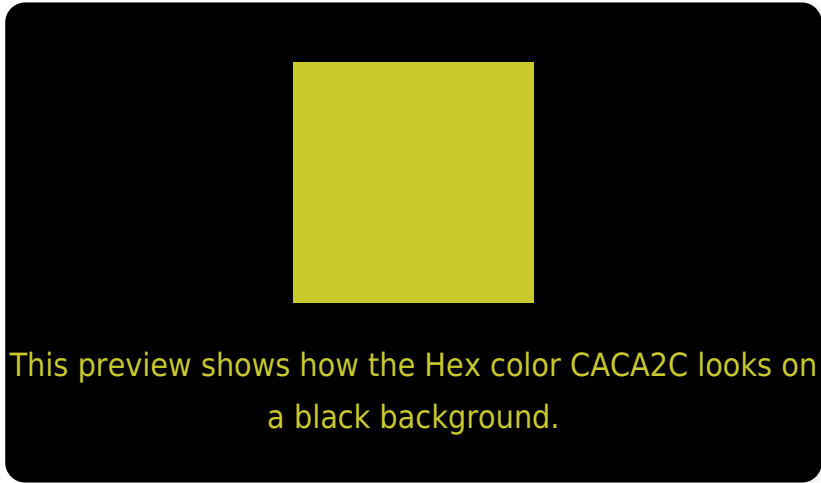
Large Text (above 18pt) WCAG AA × Fail

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 CACA2C Background



This preview shows how black text looks on a background with the Hex color CACA2C.

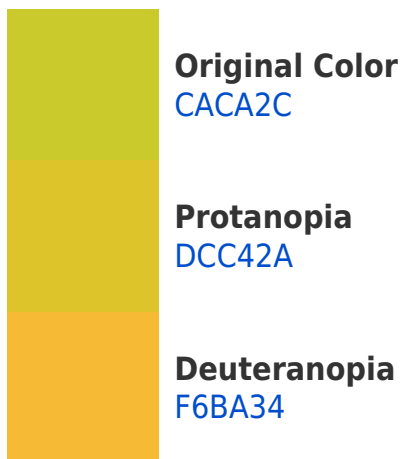


This preview shows how white text looks on a background with the Hex color CACA2C.

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](#).

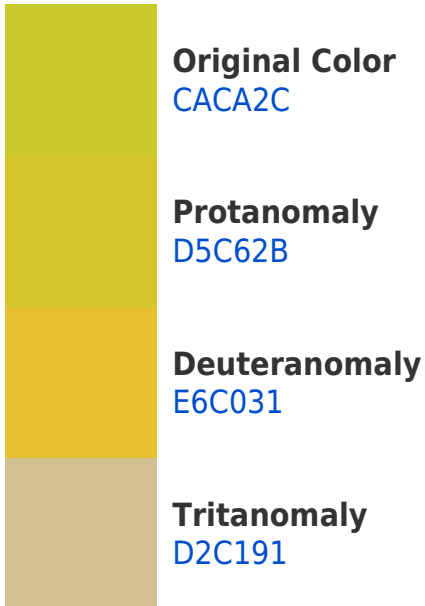
Dichromacy





Tritanopia
D7BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CACA2C 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 #CACA2C looks like.

```
.text, #text, p{  
    color:#CACA2C  
}
```

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 #CACA2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CACA2C
}
```

Border

The CSS property to change the border of an element to Hex CACA2C 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
#CACA2C }
```

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

```
.border{ border-color:#CACA2C }
```

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

Here you see how a box with a 4 pixel #CACA2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CACA2C; -webkit-box-shadow:4px 4px  
4px 4px #CACA2C; box-shadow:4px 4px 4px  
4px #CACA2C }
```

Background

The CSS property to change the background color of an element to Hex CACA2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CACA2C }
```

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

```
.background{ background-color:#CACA2C }
```

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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