

Converting Colors

Hex(CACA28)

Have a look what the booklet for
Hex(CACA28) contains.

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Color

Hex(CACA28)

Conversions

Conversions Part 1

Format	Color
Hex	CACA28
RGB	202, 202, 40
RGB Percent	79%, 79%, 16%
CMY	0.2078, 0.2078, 0.8431
CMYK	0.00, 0.00, 0.80, 0.21
HSL	60°, 67%, 47%
HSV	60°, 80%, 79%
XYZ	45.8607, 54.9508, 10.1969
YIQ	183.5320, 52.0020, -50.3820

Conversions

Conversions Part 2

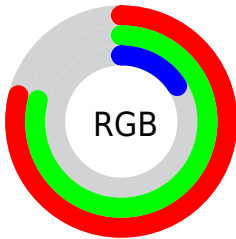
Format	Color
RYB	40, 202, 40
Decimal	13290024
CIELab	79.01, -17.37, 72.99
CIELCh	79, 75.030, 103.387
Yxy	54.9508, 0.4131, 0.4950
Android (android.graphics.Color)	4291480104 (0xFFCACA28)
YUV	183.5320, -70.7613, 16.1964
Hunter-Lab	74.1288, -19.2943, 43.7344

Details

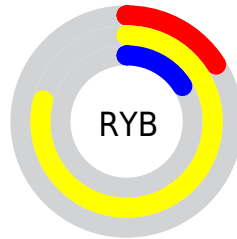
The Hex color **CACA28** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **2828CA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFFF65**, and **909400** is the 20% darker color. If you saturate the color by 10%, you get **CACA14**, and if you desaturate by 10%, it is **CACA3C**.

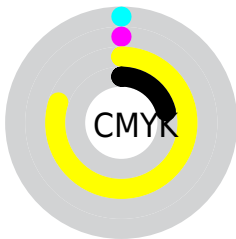
Distribution



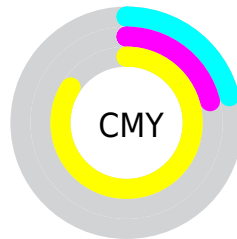
- Red (79%)
- Green (79%)
- Blue (16%)



- Red (16%)
- Yellow (79%)
- Blue (16%)



- Cyan (0%)
- Magenta (0%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (21%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CACA28 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 CACA28 by changing the saturation by 10% instead.

 CACA28

 CACA28

FFFFFF

 ADAF00

 FFFF65

 909400

 FFFF82

 737B00

 FFFF9E

 586200

 FFFFBB

 3D4A00

 FFFFFD8

 233400

 FFFFF5

 051F00

 000000

 CACA28

 CACA28

 CACA14

 CACA3C

 CACA00

 CACA50

 CACA65

 CACA79

 CACA8D

 CACAA1

 CACAB5

 CACACA

 CACADE

Harmonies

Analogous

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



FFB233



CACA28



7BDA57

Triad

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



CACA28



00E2FF



FF88ED

Complementary

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



CACA28



2828CA

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.



EFA3FF



CACA28



00D6FF

Square

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



CACA28



00E5E2



73C1FF



FF81A7

Rectangle

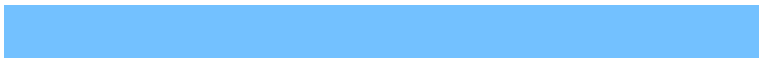
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CACA28



00E082



73C1FF



FF8FFF

Sweetspot

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



CACA28



FFFFC2



CA2828



80805B



000000



808080

Same Dimension

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



CACA28



FFFF0A



79CA28



66665C



A6A600



262600

Inverse Universe

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



2828CA



0A0AFF



7928CA



5C5C66



0000A6



000026

Previews

White Background



This preview shows how the Hex color CACA28 looks on a white background.

Color Contrast Check

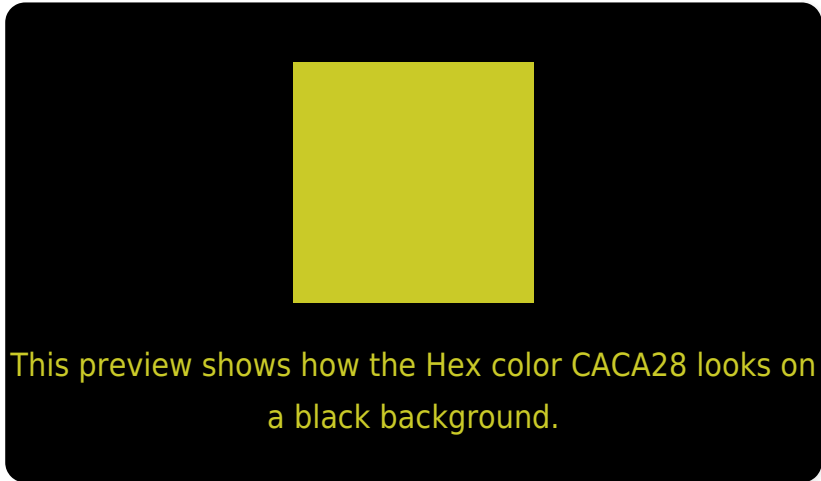
Large Text (above 18pt) WCAG AA × Fail

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 CACA28 Background



This preview shows how black text looks on a background with the Hex color CACA28.



This preview shows how white text looks on a background with the Hex color CACA28.

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
CACA28

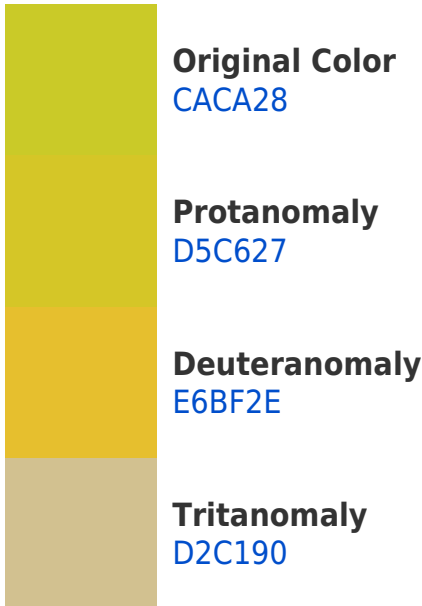
Protanopia
DCC426

Deuteranopia
F6B931



Tritanopia
D7BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CACA28 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 #CACA28 looks like.

```
.text, #text, p{  
    color:#CACA28  
}
```

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 #CACA28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CACA28
}
```

Border

The CSS property to change the border of an element to Hex CACA28 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
#CACA28 }
```

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

```
.border{ border-color:#CACA28 }
```

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

Here you see how a box with a 4 pixel #CACA28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CACA28; -webkit-box-shadow:4px 4px  
4px 4px #CACA28; box-shadow:4px 4px 4px  
4px #CACA28 }
```

Background

The CSS property to change the background color of an element to Hex CACA28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CACA28 }
```

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

```
.background{ background-color:#CACA28 }
```

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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