

Converting Colors

Hex(CCAA27)

Have a look what the booklet for
Hex(CCAA27) contains.

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Color

Hex(CCAA27)

Conversions

Conversions Part 1

Format	Color
Hex	CCAA27
RGB	204, 170, 39
RGB Percent	80%, 67%, 15%
CMY	0.2000, 0.3333, 0.8471
CMYK	0.00, 0.17, 0.81, 0.20
HSL	48°, 68%, 48%
HSV	48°, 81%, 80%
XYZ	39.6428, 41.7333, 7.8854
YIQ	165.2320, 62.3150, -33.5330

Conversions

Conversions Part 2

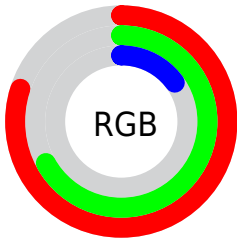
Format	Color
R _Y B	82, 204, 39
Decimal	13412903
CIE Lab	70.69, -0.07, 66.09
CIE LCh	71, 66.095, 90.064
Yxy	41.7333, 0.4441, 0.4675
Android (android.graphics.Color)	4291602983 (0xFFCCAA27)
YUV	165.2320, -62.2324, 33.9995
Hunter-Lab	64.6013, -3.5153, 37.9838

Details

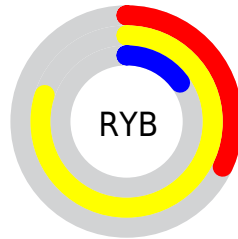
The Hex color **CCAA27** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2749CC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE160**, and **917600** is the 20% darker color. If you saturate the color by 10%, you get **CCA613**, and if you desaturate by 10%, it is **CCAE3B**.

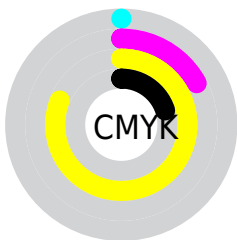
Distribution



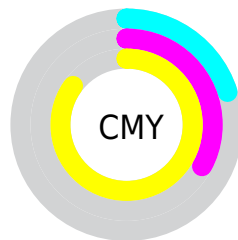
- Red (80%)
- Green (67%)
- Blue (15%)



- Red (32%)
- Yellow (80%)
- Blue (15%)



- Cyan (0%)
- Magenta (17%)
- Yellow (81%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCAA27 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 CCAA27 by changing the saturation by 10% instead.

 CCAA27

 CCAA27

FFFFFF

 AE9000

 FFE160

 917600

 FFFD7C

 755E00

 FFFF97

 594700

 FFFFB4

 3E3100

 FFFFD0

 251C00

 FFFFED

 040200

 000000

 CCAA27

 CCAA27

■ CCA613

■ CCAE3B

■ CCA200

■ CCB250

■ CCB764

■ CCBB79

■ CCBF8D

■ CCC3A1

■ CCC7B6

■ CCCCCA

■ CCD0DF

Harmonies

Analogous

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



FB9343



CCAA27



90BB3C

Triad

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



CCAA27



00C9E8



F683EA

Complementary

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



CCAA27



2749CC

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.



AD9DFF



CCAA27



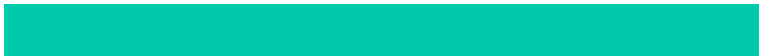
00C2FF

Square

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



CCAA27



00CAAB



00B4FF



FF74AF

Rectangle

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



CCAA27



5BC25B



00B4FF



E28BFB

Sweetspot

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



CCAA27



FFF2C2



CC274B



80785B



000000



808080

Same Dimension

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



CCAA27



FFCC08



9DCC27



66645C



A68400



261E00

Inverse Universe

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



2749CC



083BFF



5627CC



5C5E66



0022A6



000826

Previews

White Background



This preview shows how the Hex color CCAA27 looks on a white background.

Color Contrast Check

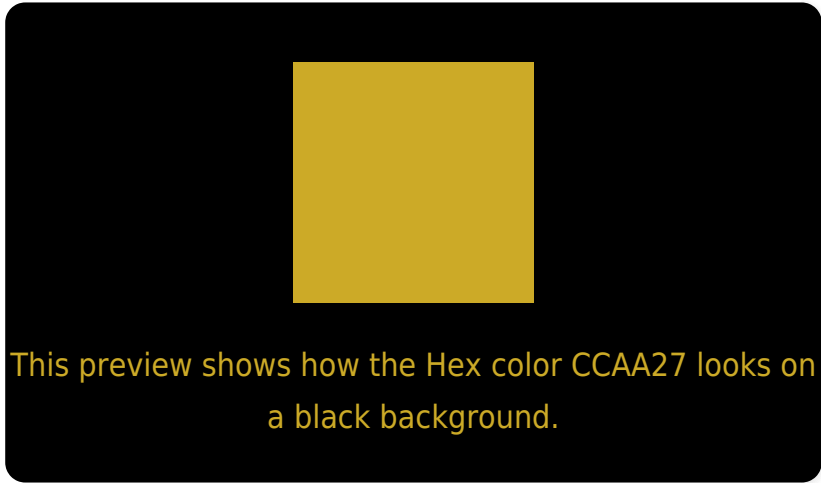
Large Text (above 18pt) WCAG AA × Fail

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 CCAA27 Background



This preview shows how black text looks on a background with the Hex color CCAA27.

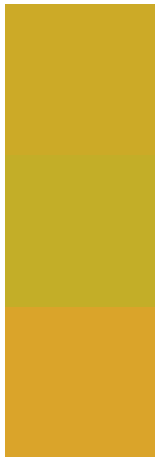


This preview shows how white text looks on a background with the Hex color CCAA27.

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
CCAA27

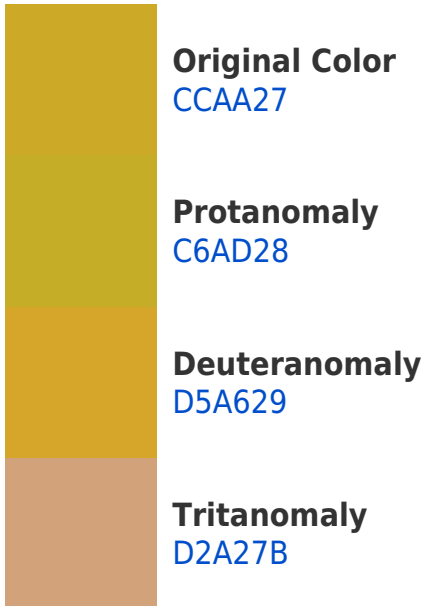
Protanopia
C3AE28

Deuteranopia
DAA42A

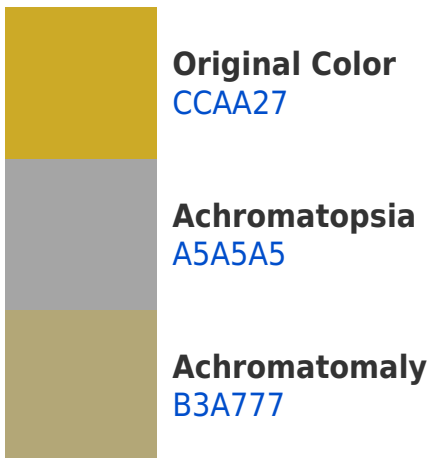


Tritanopia
D59EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCAA27 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 #CCAA27 looks like.

```
.text, #text, p{  
    color:#CCAA27  
}
```

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 #CCAA27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAA27
}
```

Border

The CSS property to change the border of an element to Hex CCAA27 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
#CCAA27 }
```

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

```
.border{ border-color:#CCAA27 }
```

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

Here you see how a box with a 4 pixel #CCAA27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCAA27; -webkit-box-shadow:4px 4px  
4px 4px #CCAA27; box-shadow:4px 4px 4px  
4px #CCAA27 }
```

Background

The CSS property to change the background color of an element to Hex CCAA27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCAA27 }
```

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

```
.background{ background-color:#CCAA27 }
```

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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