

Converting Colors

Hex(CCA047)

Have a look what the booklet for
Hex(CCA047) contains.

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Color

Hex(CCA047)

Conversions

Conversions Part 1

Format	Color
Hex	CCA047
RGB	204, 160, 71
RGB Percent	80%, 63%, 28%
CMY	0.2000, 0.3725, 0.7216
CMYK	0.00, 0.22, 0.65, 0.20
HSL	40°, 57%, 54%
HSV	40°, 65%, 80%
XYZ	38.6100, 38.4339, 11.3448
YIQ	163.0100, 54.7930, -18.3510

Conversions

Conversions Part 2

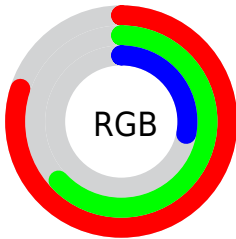
Format	Color
RYB	137, 204, 71
Decimal	13410375
CIELab	68.34, 6.77, 51.30
CIELCh	68, 51.746, 82.480
Yxy	38.4339, 0.4368, 0.4348
Android (android.graphics.Color)	4291600455 (0xFFCCA047)
YUV	163.0100, -45.3609, 35.9482
Hunter-Lab	61.9951, 2.6768, 32.5468

Details

The Hex color **CCA047** 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 **4773CC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD77B**, and **926D11** is the 20% darker color. If you saturate the color by 10%, you get **CC9933**, and if you desaturate by 10%, it is **CCA75B**.

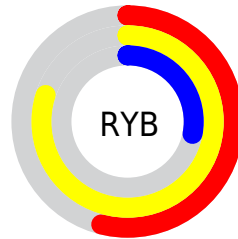
Distribution



Red (80%)

Green (63%)

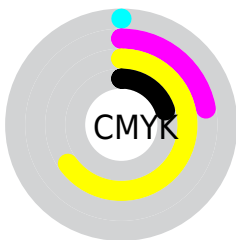
Blue (28%)



Red (54%)

Yellow (80%)

Blue (28%)

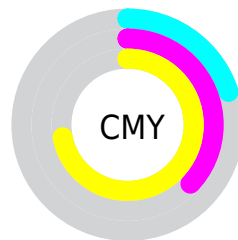


Cyan (0%)

Magenta (22%)

Yellow (65%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA047 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 CCA047 by changing the saturation by 10% instead.

CCA047

CCA047

FFFFFF

AF862D

FFD77B

926D11

FFF396

765500

FFFFB1

5B3E00

FFFFCD

402800

FFFFEA

271400

000000

CCA047

CCA047

CC9933

CCA75B

 CC931E

 CCAD70

 CC8C0A

 CCB484

 CC8900

 CCBB99

 CCC2AD

 CCC8C1

 CCCFD6

 CCD6EA

 CCDDFF

Harmonies

Analogous

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



EE8F5E



CCA047



9FAF4C

Triad

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



CCA047



00BEC9



D58DE0

Complementary

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



CCA047



4773CC

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.



979FFD



CCA047



00B9F0

Square

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



CCA047



00BD99



1CAFFF



F780B4

Rectangle

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



CCA047



7BB65F



1CAFFF



C393EC

Sweetspot

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



CCA047



FFEECC



CC4773



807561



000000



808080

Same Dimension

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



CCA047



FFBD38



B6CC47



66635C



A66F00



261A00

Inverse Universe

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



4773CC



387AFF



5D47CC



5C5F66



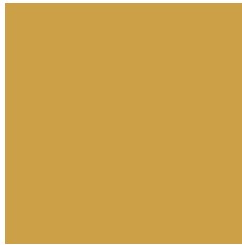
0037A6



000D26

Previews

White Background



This preview shows how the Hex color CCA047 looks on a white background.

Color Contrast Check

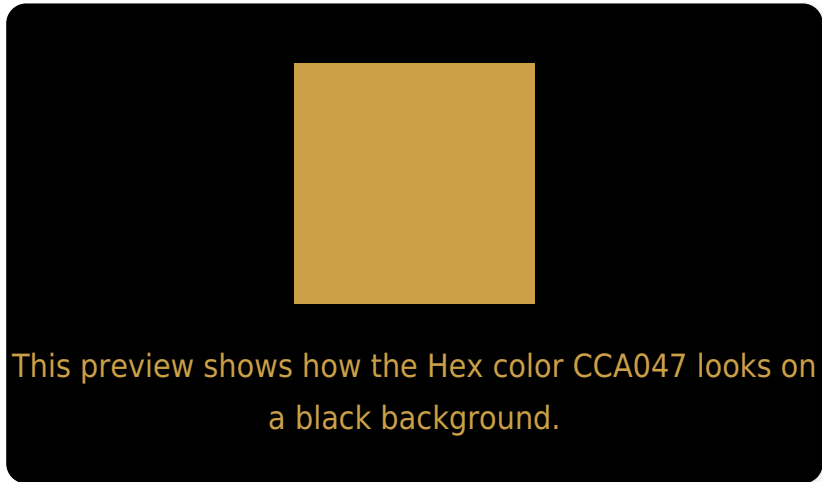
Large Text (above 18pt) WCAG AA × Fail

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 CCA047 Background



This preview shows how black text looks on a background with the Hex color CCA047.



This preview shows how white text looks on a background with the Hex color CCA047.

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
CCA047

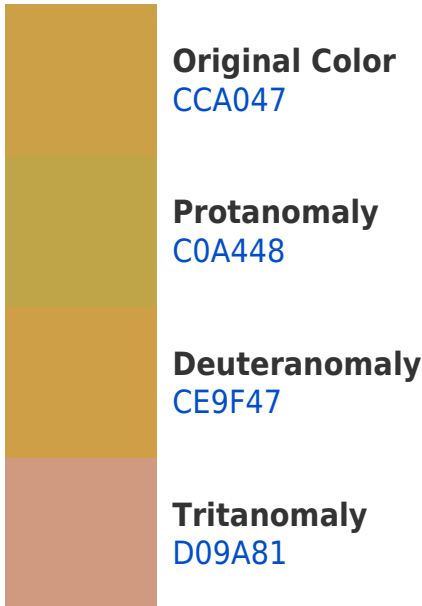
Protanopia
B9A749

Deuteranopia
CF9F47

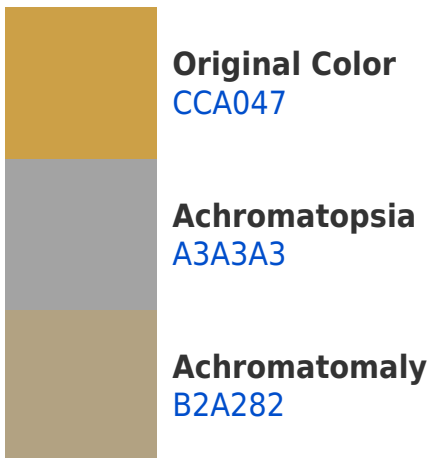


Tritanopia
D396A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA047 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 #CCA047 looks like.

```
.text, #text, p{  
    color:#CCA047  
}
```

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 #CCA047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA047
}
```

Border

The CSS property to change the border of an element to Hex CCA047 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
#CCA047 }
```

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

```
.border{ border-color:#CCA047 }
```

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

Here you see how a box with a 4 pixel #CCA047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA047; -webkit-box-shadow:4px 4px  
4px 4px #CCA047; box-shadow:4px 4px 4px  
4px #CCA047 }
```

Background

The CSS property to change the background color of an element to Hex CCA047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA047 }
```

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

```
.background{ background-color:#CCA047 }
```

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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