

# Converting Colors

Hex(CCAA4F)

Have a look what the booklet for  
Hex(CCAA4F) contains.

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# **Color**

**Hex(CCAA4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCAA4F
RGB	204, 170, 79
RGB Percent	80%, 67%, 31%
CMY	0.2000, 0.3333, 0.6902
CMYK	0.00, 0.17, 0.61, 0.20
HSL	44°, 55%, 55%
HSV	44°, 61%, 80%
XYZ	40.6878, 42.1513, 13.3887
YIQ	169.7920, 49.4750, -21.0930

# Conversions

## Conversions Part 2

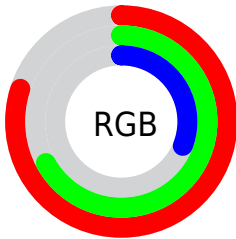
Format	Color
<a href="#">RYB</a>	<a href="#">126, 204, 79</a>
Decimal	<a href="#">13412943</a>
CIELab	<a href="#">70.98, 1.94, 50.50</a>
CIElCh	<a href="#">71, 50.540, 87.803</a>
Yxy	<a href="#">42.1513, 0.4228, 0.4380</a>
Android (android.graphics.Color)	<a href="#">4291603023 (0xFFCCAA4F)</a>
YUV	<a href="#">169.7920, -44.7605, 30.0004</a>
Hunter-Lab	<a href="#">64.9241, -1.7513, 33.2200</a>

# Details

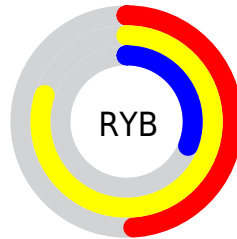
The Hex color **CCAA4F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4F71CC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE183**, and **93761A** is the 20% darker color. If you saturate the color by 10%, you get **CCA43B**, and if you desaturate by 10%, it is **CCB063**.

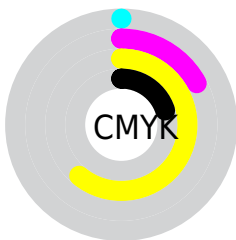
# Distribution



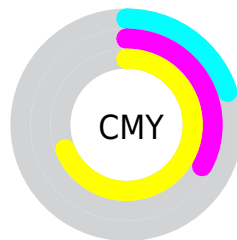
- Red (80%)
- Green (67%)
- Blue (31%)



- Red (49%)
- Yellow (80%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (61%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCAA4F 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 CCAA4F by changing the saturation by 10% instead.





CCAA4F



CCAA4F

FFFFFF



AF9035



FFE183



93761A



FFFE9E



775E00



FFFFBA



5C4600



FFFFD6



413000



FFFFF3



281C00



0B0200



000000



CCAA4F



CCAA4F

■ CCA43B

■ CCB063

■ CC9F26

■ CCB578

■ CC9912

■ CCBB8C

■ CC9500

■ CCC0A1

■ CCC6B5

■ CCCBC9

■ CCD1DE

■ CCD6F2

■ CCDCFF

# Harmonies

## Analogous

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



EF9961



CCAA4F



9EB859

# Triad

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



CCAA4F



00C4D7



E391DF

# Complementary

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



CCAA4F



4F71CC

# 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.



ACA3FF



CCAA4F



00BFFB

# Square

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



CCAA4F



00C5A9



52B4FF



FF87B3

# Rectangle

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



CCAA4F



7ABE6E



52B4FF



D497EC

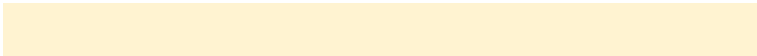


# Sweetspot

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



CCAA4F



FFF3D1



CC4F72



807863



000000



808080



# Same Dimension

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



CCAA4F



FFCC42



B1CC4F



66635C



A67900



261C00



# Inverse Universe

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



4F71CC



4276FF



6A4FCC



5C5F66



002DA6



000A26



# Previews

## White Background



This preview shows how the Hex color CCAA4F looks on a white background.

## Color Contrast Check

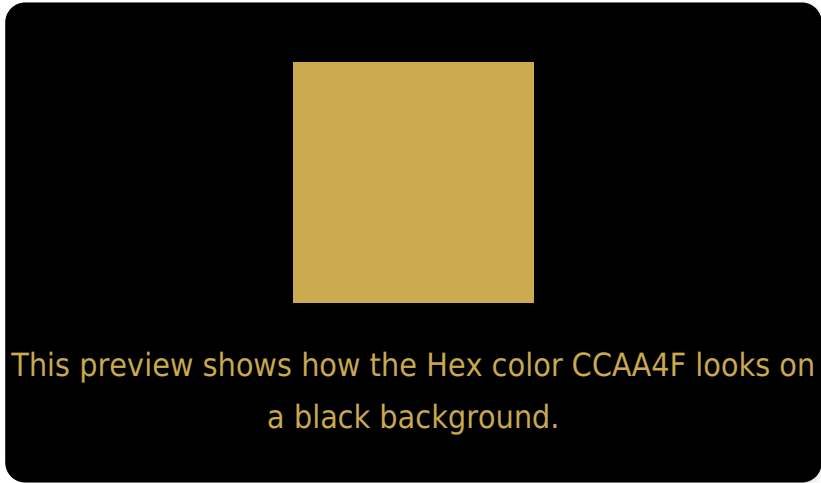
Large Text (above 18pt) WCAG AA × Fail

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 CCAA4F Background



This preview shows how black text looks on a background with the Hex color CCAA4F.

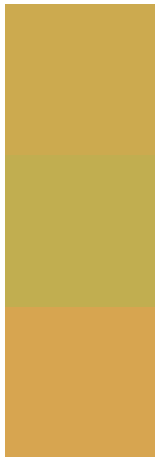


This preview shows how white text looks on a background with the Hex color CCAA4F.

# 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**  
CCAA4F

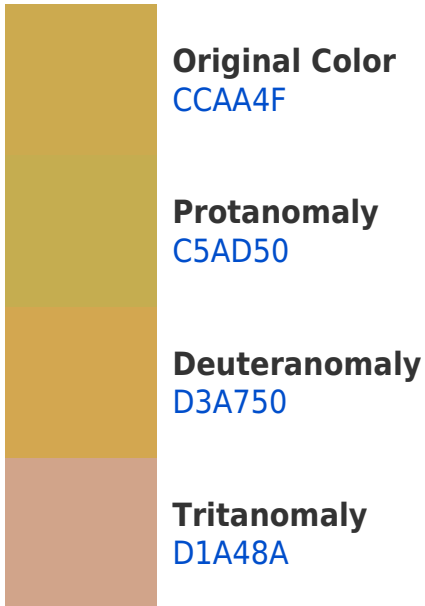
**Protanopia**  
C1AE50

**Deuteranopia**  
D7A550



**Tritanopia**  
D4A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCAA4F 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 #CCAA4F looks like.

```
.text, #text, p{  
    color:#CCAA4F  
}
```

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 #CCAA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAA4F
}
```

## Border

The CSS property to change the border of an element to Hex CCAA4F 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
#CCAA4F }
```

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

```
.border{ border-color:#CCAA4F }
```

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

Here you see how a box with a 4 pixel #CCAA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCAA4F; -webkit-box-shadow:4px 4px  
4px 4px #CCAA4F; box-shadow:4px 4px 4px  
4px #CCAA4F }
```

# Background

The CSS property to change the background color of an element to Hex CCAA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCAA4F }
```

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

```
.background{ background-color:#CCAA4F }
```

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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