

# Converting Colors

Hex(CFA571)

Have a look what the booklet for  
Hex(CFA571) contains.

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# **Color**

**Hex(CFA571)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFA571
RGB	207, 165, 113
RGB Percent	81%, 65%, 44%
CMY	0.1882, 0.3529, 0.5569
CMYK	0.00, 0.20, 0.45, 0.19
HSL	33°, 49%, 63%
HSV	33°, 45%, 81%
XYZ	42.1679, 41.3679, 21.3851
YIQ	171.6300, 41.7240, -7.2680

# Conversions

## Conversions Part 2

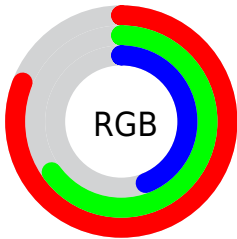
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 207, 113
Decimal	13608305
CIELab	70.43, 8.79, 32.77
CIElCh	70, 33.925, 74.985
Yxy	41.3679, 0.4019, 0.3943
Android (android.graphics.Color)	4291798385 (0xFFCFA571)
YUV	171.6300, -28.9046, 31.0195
Hunter-Lab	64.3179, 4.4713, 25.3092

# Details

The Hex color **CFA571** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **719BCF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDCA5**, and **977140** is the 20% darker color. If you saturate the color by 10%, you get **CF9C5C**, and if you desaturate by 10%, it is **CFAE86**.

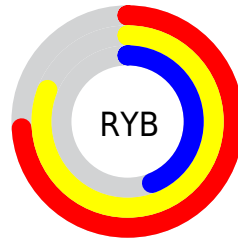
# Distribution



Red (81%)

Green (65%)

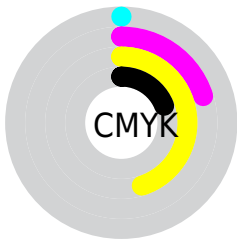
Blue (44%)



Red (74%)

Yellow (81%)

Blue (44%)

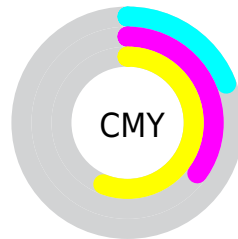


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (19%)



Cyan (19%)

Magenta (35%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFA571 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 CFA571 by changing the saturation by 10% instead.



 CFA571

 CFA571

FFFFFF

 B28B58

 FFDCA5

 977140

 FFF8C1

 7B5929

 FFFFDD

 614212

 FFFFFFFA

 472B00

 2E1700

 150000

 000000

 CFA571

 CFA571

 CF9C5C

 CFAE86

 CF9348

 CFB79A

 CF8933

 CFC1AF

 CF801E

 CFCAC4

 CF770A

 CFD3D9

 CF7300

 CFDCED

 CFE6FF

 CFEEEE

 CFF8FF

# Harmonies

## Analogous

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



E39B82



CFA571



B2AF70

# Triad

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



CFA571



48BDBB



C49FD8

# Complementary

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



CFA571



719BCF

# 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.



9AAAE8



CFA571



43BAD7

# Square

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



CFA571



6ABC9B



69B4E7



DF97BD

# Rectangle

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



CFA571



9BB579



69B4E7



B7A2DF

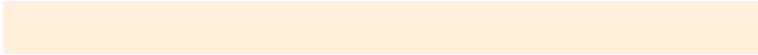


# Sweetspot

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



CFA571



FFEFD8



CF7198



80766A



000000



808080



# Same Dimension

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



CFA571



FFC175



CACF71



69645E



A85D00



291700

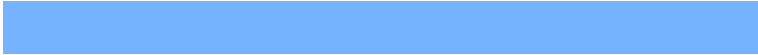


# Inverse Universe

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



719BCF



75B3FF



7671CF



5E6369



004BA8

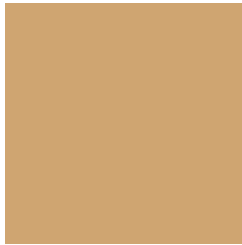


001229



# Previews

## White Background



This preview shows how the Hex color CFA571 looks on a white background.

## Color Contrast Check

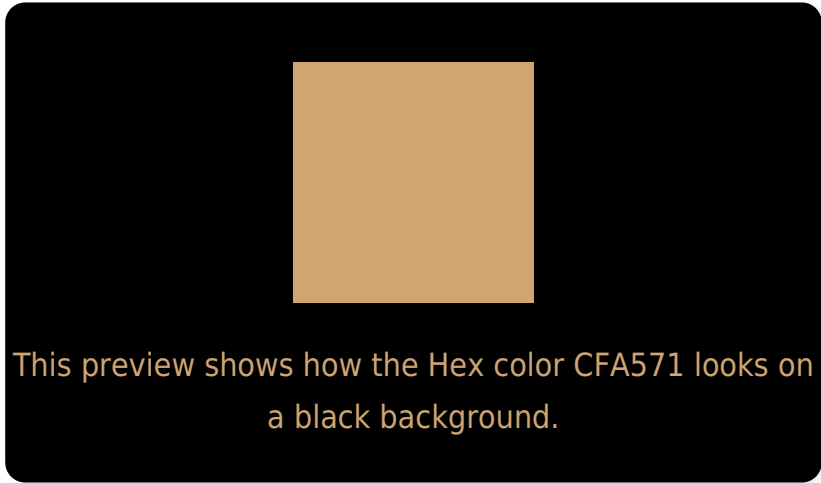
Large Text (above 18pt) WCAG AA × Fail

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 CFA571 Background



This preview shows how black text looks on a background with the Hex color CFA571.

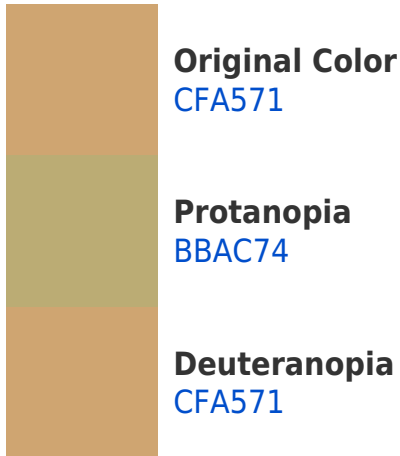


This preview shows how white text looks on a background with the Hex color CFA571.

# 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](#).

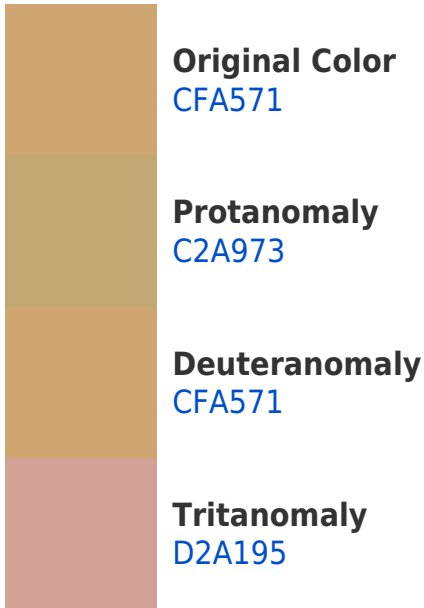
## Dichromacy



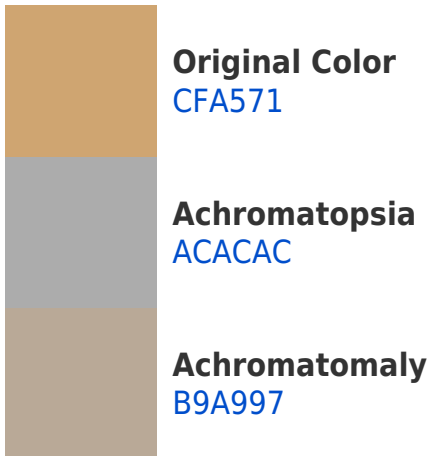


**Tritanopia**  
D49EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFA571 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 #CFA571 looks like.

```
.text, #text, p{  
    color:#CFA571  
}
```

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 #CFA571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA571
}
```

## Border

The CSS property to change the border of an element to Hex CFA571 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
#CFA571 }
```

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

```
.border{ border-color:#CFA571 }
```

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

Here you see how a box with a 4 pixel #CFA571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA571; -webkit-box-shadow:4px 4px  
4px 4px #CFA571; box-shadow:4px 4px 4px  
4px #CFA571 }
```

# Background

The CSS property to change the background color of an element to Hex CFA571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA571 }
```

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

```
.background{ background-color:#CFA571 }
```

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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