

# Converting Colors

Hex(CA924B)

Have a look what the booklet for  
Hex(CA924B) contains.

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**Color**

**Hex(CA924B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA924B
RGB	202, 146, 75
RGB Percent	79%, 57%, 29%
CMY	0.2078, 0.4275, 0.7059
CMYK	0.00, 0.28, 0.63, 0.21
HSL	34°, 55%, 54%
HSV	34°, 63%, 79%
XYZ	35.9060, 33.6223, 11.2539
YIQ	154.6500, 56.1670, -10.2090

# Conversions

## Conversions Part 2

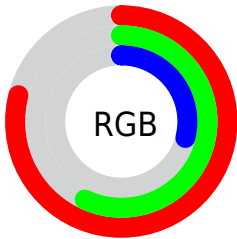
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 202, 75
Decimal	13275723
CIELab	64.66, 13.77, 45.21
CIELCh	65, 47.262, 73.063
Yxy	33.6223, 0.4445, 0.4162
Android (android.graphics.Color)	4291465803 (0xFFCA924B)
YUV	154.6500, -39.2675, 41.5259
Hunter-Lab	57.9848, 9.0595, 29.0821

# Details

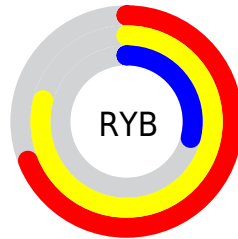
The Hex color **CA924B** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4B83CA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC87E**, and **906019** is the 20% darker color. If you saturate the color by 10%, you get **CA8937**, and if you desaturate by 10%, it is **CA9B5F**.

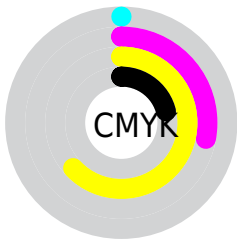
# Distribution



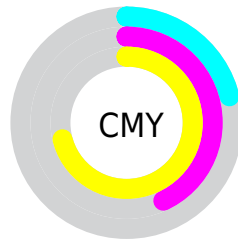
- Red (79%)
- Green (57%)
- Blue (29%)



- Red (69%)
- Yellow (79%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (63%)
- Black (21%)



- Cyan (21%)
- Magenta (43%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA924B 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 CA924B by changing the saturation by 10% instead.



 CA924B

 CA924B

FFFFFF

 AD7832

 FFC87E

 906019

 FFE499

 744800

 FFFFB4

 593100

 FFFF00

 3E1C00

 FFFFEC

 250600

 000000

 CA924B

 CA924B

 CA8937

 CA9B5F

■ CA8023

■ CAA473

■ CA770E

■ CAAD88

■ CA7100

■ CAB69C

■ CABFB0

■ CAC7C4

■ CAD0D8

■ CAD9ED

■ CAE2FF

# Harmonies

## Analogous

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



E48365



CA924B



A4A047

# Triad

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



CA924B



00B2AF



B88ADB

# Complementary

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



CA924B



4B83CA

# 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.



789BEF



CA924B



00B0D5

# Square

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



CA924B



32B183



00A8ED



DF7DB7

# Rectangle

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



CA924B



86A853



00A8ED



A690E4

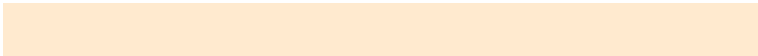


# Sweetspot

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



CA924B



FFEACF



CA4B84



807362



000000



808080



# Same Dimension

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



CA924B



FFAB40



C4CA4B



66625C



A65D00



261500



# Inverse Universe

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



4B83CA



4094FF



514BCA



5C6066



0049A6

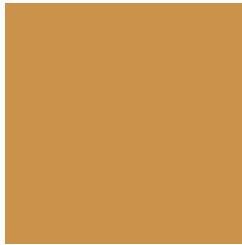


001126



# Previews

## White Background



This preview shows how the Hex color CA924B looks on a white background.

## Color Contrast Check

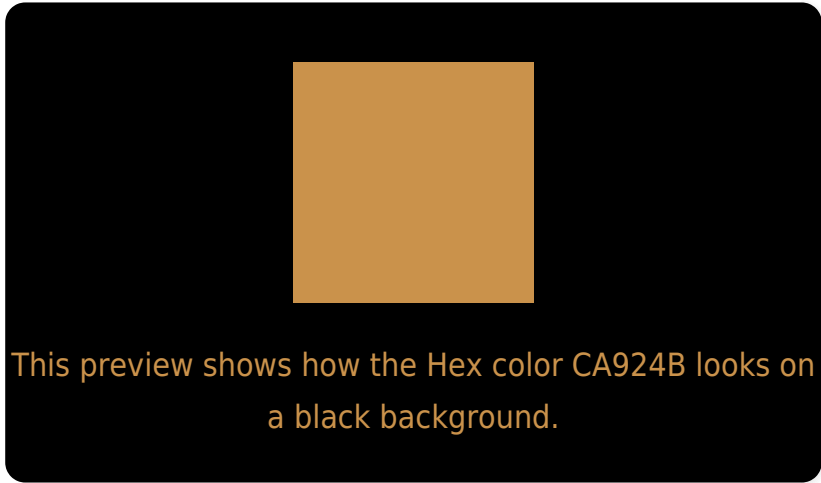
Large Text (above 18pt) WCAG AA × Fail

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

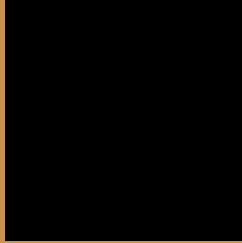
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CA924B Background



This preview shows how black text looks on a background with the Hex color CA924B.

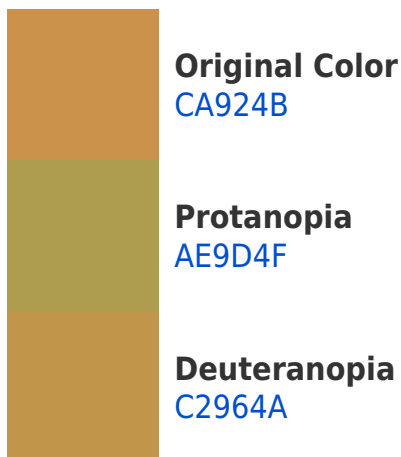


This preview shows how white text looks on a background with the Hex color CA924B.

# 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](#).

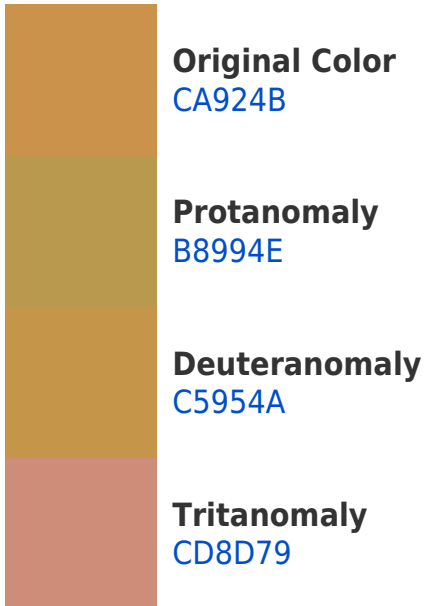
## Dichromacy





**Tritanopia**  
CF8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA924B 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 #CA924B looks like.

```
.text, #text, p{  
    color:#CA924B  
}
```

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 #CA924B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA924B
}
```

## Border

The CSS property to change the border of an element to Hex CA924B 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
#CA924B }
```

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

```
.border{ border-color:#CA924B }
```

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

Here you see how a box with a 4 pixel #CA924B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA924B; -webkit-box-shadow:4px 4px  
4px 4px #CA924B; box-shadow:4px 4px 4px  
4px #CA924B }
```

# Background

The CSS property to change the background color of an element to Hex CA924B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA924B }
```

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

```
.background{ background-color:#CA924B }
```

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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