

# Converting Colors

Hex(C5A06C)

Have a look what the booklet for  
Hex(C5A06C) contains.

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# **Color**

**Hex(C5A06C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5A06C
RGB	197, 160, 108
RGB Percent	77%, 63%, 42%
CMY	0.2275, 0.3725, 0.5765
CMYK	0.00, 0.19, 0.45, 0.23
HSL	35°, 43%, 60%
HSV	35°, 45%, 77%
XYZ	38.3035, 38.0946, 19.5215
YIQ	165.1350, 38.7440, -8.3280

# Conversions

## Conversions Part 2

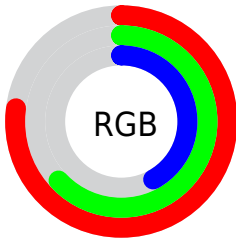
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 197, 108
Decimal	12951660
CIELab	68.09, 6.86, 32.21
CIElCh	68, 32.931, 77.972
Yxy	38.0946, 0.3993, 0.3972
Android (android.graphics.Color)	4291141740 (0xFFC5A06C)
YUV	165.1350, -28.1676, 27.9456
Hunter-Lab	61.7209, 2.7644, 24.4519

# Details

The Hex color **C5A06C** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6C91C5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD7A0**, and **8D6D3B** is the 20% darker color. If you saturate the color by 10%, you get **C59858**, and if you desaturate by 10%, it is **C5A880**.

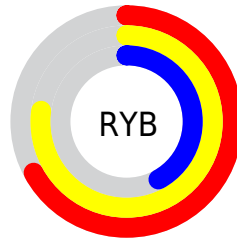
# Distribution



Red (77%)

Green (63%)

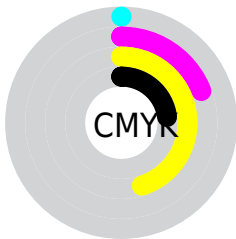
Blue (42%)



Red (67%)

Yellow (77%)

Blue (42%)

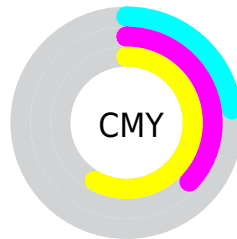


Cyan (0%)

Magenta (19%)

Yellow (45%)

Black (23%)



Cyan (23%)

Magenta (37%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5A06C 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 C5A06C by changing the saturation by 10% instead.



 C5A06C

 C5A06C

FFFFFF

 A98653

 FFD7A0

 8D6D3B

 FFF3BB

 725424

 FFFFFD7

 583D0D

 FFFFF4

 402800

 261400

 000000

 C5A06C

 C5A06C

 C59858

 C5A880

 C59045

 C5B093

 C58731

 C5B9A7

 C57F1D

 C5C1BB

 C57709

 C5C9CF

 C57300

 C5D1E2

 C5D9F6

 C5E2FF

 C5EAFF

# Harmonies

## Analogous

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



D9967B



C5A06C



A8AA6D

# Triad

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



C5A06C



43B6B7



C098CE

# Complementary

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



C5A06C



6C91C5

# 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.



99A3DE



C5A06C



43B3D1

# Square

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



C5A06C



62B599



6AACE0



D991B3

# Rectangle

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



C5A06C



92AF76



6AACE0



B49BD5

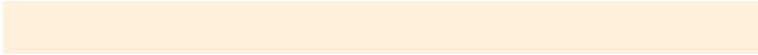


# Sweetspot

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



C5A06C



FFF0DB



C56C91



80766A



000000



808080



# Same Dimension

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



C5A06C



FFC675



BEC56C



635F5A



A35F00



241500

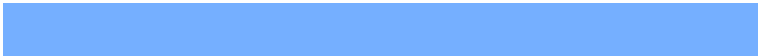


# Inverse Universe

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



6C91C5



75AFFF



736CC5



5A5E63



0044A3

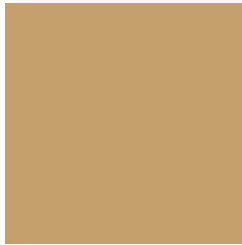


000F24



# Previews

## White Background



This preview shows how the Hex color C5A06C looks on a white background.

## Color Contrast Check

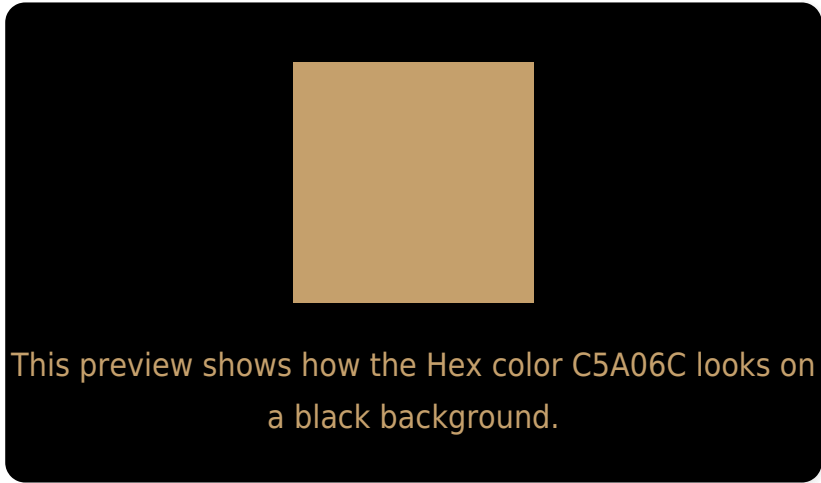
Large Text (above 18pt) WCAG AA × Fail

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 C5A06C Background



This preview shows how black text looks on a background with the Hex color C5A06C.



This preview shows how white text looks on a background with the Hex color C5A06C.

# 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](#).

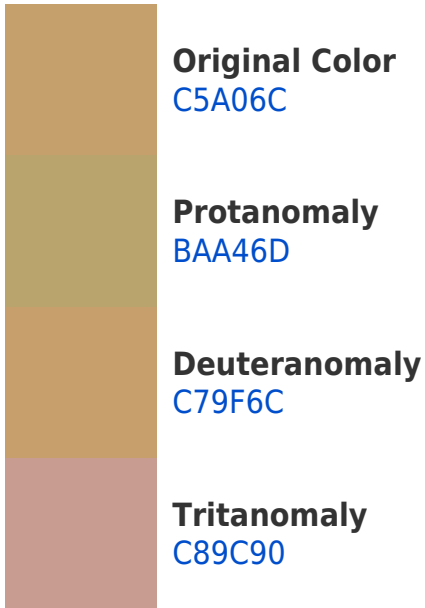
## Dichromacy



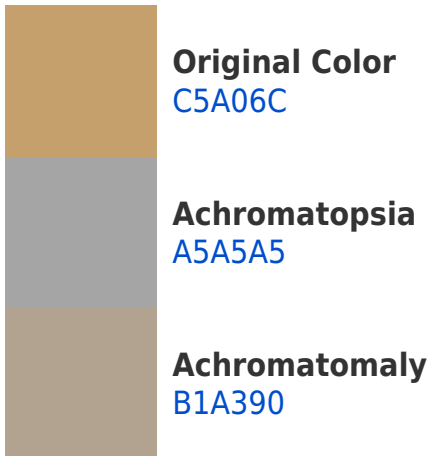


**Tritanopia**  
CA99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5A06C 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 #C5A06C looks like.

```
.text, #text, p{  
    color:#C5A06C  
}
```

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 #C5A06C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A06C
}
```

## Border

The CSS property to change the border of an element to Hex C5A06C 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
#C5A06C }
```

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

```
.border{ border-color:#C5A06C }
```

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

Here you see how a box with a 4 pixel #C5A06C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A06C; -webkit-box-shadow:4px 4px  
4px 4px #C5A06C; box-shadow:4px 4px 4px  
4px #C5A06C }
```

# Background

The CSS property to change the background color of an element to Hex C5A06C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A06C }
```

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

```
.background{ background-color:#C5A06C }
```

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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