

# Converting Colors

Hex(C7A341)

Have a look what the booklet for  
Hex(C7A341) contains.

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**Color**

**Hex(C7A341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A341
RGB	199, 163, 65
RGB Percent	78%, 64%, 25%
CMY	0.2196, 0.3608, 0.7451
CMYK	0.00, 0.18, 0.67, 0.22
HSL	44°, 54%, 52%
HSV	44°, 67%, 78%
XYZ	37.6045, 38.7182, 10.4924
YIQ	162.5920, 52.9140, -22.8460

# Conversions

## Conversions Part 2

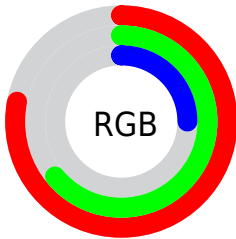
Format	Color
<a href="#">RYB</a>	<a href="#">114, 199, 65</a>
Decimal	<a href="#">13083457</a>
CIELab	<a href="#">68.55, 2.64, 54.08</a>
CIELCh	<a href="#">69, 54.141, 87.210</a>
Yxy	<a href="#">38.7182, 0.4332, 0.4460</a>
Android (android.graphics.Color)	<a href="#">4291273537</a> ( <a href="#">0xFFC7A341</a> )
YUV	<a href="#">162.5920, -48.1129, 31.9298</a>
Hunter-Lab	<a href="#">62.2239, -1.0168, 33.5591</a>

# Details

The Hex color **C7A341** 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 **4165C7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDA75**, and **8D7004** is the 20% darker color. If you saturate the color by 10%, you get **C79E2D**, and if you desaturate by 10%, it is **C7A855**.

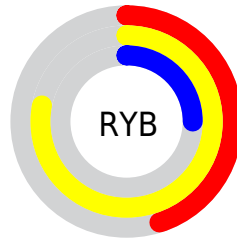
# Distribution



Red (78%)

Green (64%)

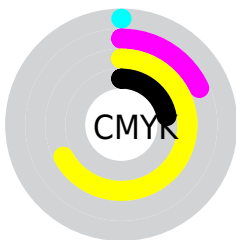
Blue (25%)



Red (45%)

Yellow (78%)

Blue (25%)

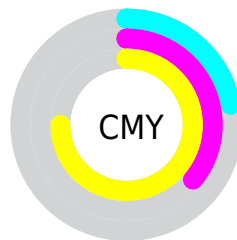


Cyan (0%)

Magenta (18%)

Yellow (67%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7A341 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 C7A341 by changing the saturation by 10% instead.



 C7A341

 C7A341

FFFFFF

 AA8926

 FFDA75

 8D7004

 FFF690

 725700

 FFFFAC

 574000

 FFFFFC8

 3C2B00

 FFFFFE4

 231700

 000000

 C7A341

 C7A341

 C79E2D

 C7A855

 C79819

 C7AE69

 C79305

 C7B37D

 C79200

 C7B891

 C7BEA5

 C7C3B8

 C7C8CC

 C7CEE0

 C7D3F4

# Harmonies

## Analogous

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



EC9155



C7A341



97B24C

# Triad

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



C7A341



00BFD2



DF89DD

# Complementary

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



C7A341



4165C7

# 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.



A29CFE



C7A341



00BAF9

# Square

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



C7A341



00BFA1



30AEFF



FE7DAE

# Rectangle

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



C7A341



6FB862



30AEFF



CE8FEA



# Sweetspot

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



C7A341



FFF1CC



C74167



807761



000000



808080



# Same Dimension

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



C7A341



FFC830



AAC741



63615A



A37700



241A00



# Inverse Universe

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



4165C7



3068FF



5E41C7



5A5C63



002CA3

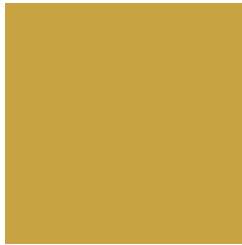


000A24



# Previews

## White Background



This preview shows how the Hex color C7A341 looks on a white background.

## Color Contrast Check

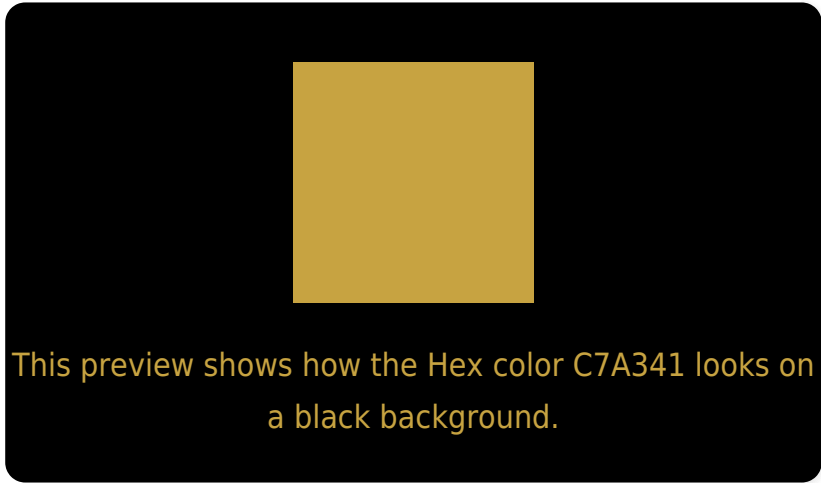
Large Text (above 18pt) WCAG AA × Fail

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

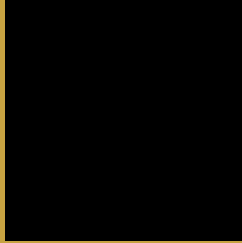
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7A341 Background



This preview shows how black text looks on a background with the Hex color C7A341.



This preview shows how white text looks on a background with the Hex color C7A341.

# 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**  
C7A341

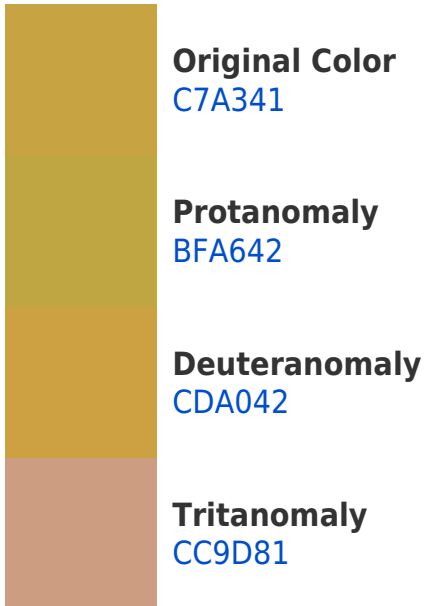
**Protanopia**  
BBA842

**Deuteranopia**  
D09F42

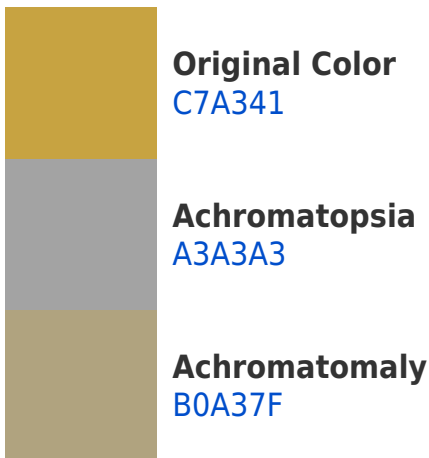


**Tritanopia**  
CF99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7A341 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 #C7A341 looks like.

```
.text, #text, p{  
    color:#C7A341  
}
```

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 #C7A341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A341
}
```

## Border

The CSS property to change the border of an element to Hex C7A341 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
#C7A341 }
```

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

```
.border{ border-color:#C7A341 }
```

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

Here you see how a box with a 4 pixel #C7A341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A341; -webkit-box-shadow:4px 4px  
4px 4px #C7A341; box-shadow:4px 4px 4px  
4px #C7A341 }
```

# Background

The CSS property to change the background color of an element to Hex C7A341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A341 }
```

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

```
.background{ background-color:#C7A341 }
```

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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